3	Ťo.	District and da return.	te an	đ	Rainfall, at Sudder Station in inches.	
	HAR.	Andread Anna State Control of the State Control of				
1	26	Patna Jan	. 2 ,	• *7 7	Nil	Weather—Seasonable. Dies is being harvested with a good outturn. Prospects of the redice crops are favorable. Public health is excellent.
	27	Gya, Dec.	80,	·76	Nil	Weather—Fair and cold. The maximum reading of the thermometer in the shade reached as high as 73 6°. The kharren harvest is still going on; and the prospects of the rabbee crops are excellent. General health is very good.
	28	Shahabad, ,.	3 0,	••	Nil	Weather—Cool and cloudy. Prospects of the crops continue good.
ž	29	Durbhungs, ,.	3 0,	29	Nil	The state and prospects of the crops are satisfactory.
PAINA DIVE.	30	Mosufferpore, ,,	80,	"	Nil	Weather—Cold and seasonable. The prospects of the crops on all aides are excellent. The rice harvest is nearly completed. The winter crops are doing well; a little rain within a fortnight will do much good to these crops, which have germinated. Priocs of food-grains are stationary. Public health is good.
	31	Sarun,	30,	•	Nil	Weather—Clear and cold. Wind blowing from the west. The rice crop is nearly all harvested. The ribbes crops are all coming on well, and the prospects are generally very favorable throughout the district. Raker is flowering and promises well. Prices have risen owing to exportations to the north-west and to importations having fallen off. General health is good.
į	32	Chumparun, "	3 0,	99	Nil	Weather—Seasonable. Prospects of the crops are excellent.
<u>:</u>)	88	Monghyr, "	30,	29	Nil	Weather—Fair. The prospects of the crops continue good.
101	34	Bhagulpore	•••	•••		Telegram not received.
BEAGUIFORR DIVY.	85	Purneah, ,	. 30,	29	Nil	Weather—Cloudy and cold, with west wind. State and prospects of the crops are very good.
	36	Southal Perghs. ,,	31,	99	Nil	Weather—Cold and dry. The harvest is excellent.
OR	issa.					
i (87	Cuttack	•••	•••		Return not received.
PEISTA DIVE	88	Poores, Dec.	29,	" 76	Nil	Weather—Seasonable. The sarad crop is being reaped with fair outturn. The dalua crop is progressing well. The exportation of rice still continues.
5	89	Balasore, "	29,	••	Nil	Weather—Fine and cold. The harvesting and exportation of rice continue satisfactorily.
CH	ОТА	NAGPORE.				
		South-West In	rontie	•		
	40	Hazareebagh, Dec	. 29.	776	Nil	Weather—Seasonable. State and prospects of the crops are satisfactory.
•		Lohardugga, "	3 0,		Nil	Weather—Scanonable. Prospects of the crops are good, as also the health of the people.
	43	Singbhoom, "	2 9,	,,	Nil	Weather—Seasonable. State and prospects of the crops are favorable. General health is good.
	43	Maubhoom, , ,,	30	••	Nil	Weather—Seasonable. The rice crop is all but harvested. It is not only a good one, but the ryots are getting good prices owing to the demand for export.

[•] Telegram of the 2nd January shows rainfall during the seven days immediately preceding.

Published for general information.

H. J. S. Cotton, Jr. Secy. to the Goot. of Bengal.

CALCUTTA, STATISTICAL DEPT., The 2nd January 1877.

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A in the interior the prior range as follow: — Wheat 17 to 30 seems, best rice 16-6 to 18 seems, and common rice 18 to 26 seems.

H. In the interior the priors range as follow: — Wheat 17 to 30 seems, best rice 18 seems, and common rice 31-6 seems, and gram 15 seems.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JANUARY 3, 1877.

Districts of Bengul for the Fortnight cuding 31st December 1876.

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¹⁾ In the interior the prices are as follow: — Wheat 10 to 12 seers, best rice 8 to 20 seers, common rice 16 to 27 seers, and grass 9 to 16 seers E in Moonshiguage the prices of good grains are as follow:—Best rice 20 seers, and common rice 23 seers.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JANUARY 8, 1877.

PRICES-CURRENT of Food-grains and Salt in the undermentioned QUANTITIES PER RUPEE BY Lesser Milleto-Ragi or Murwa, and Creena. GREAT MILLET-OROLUM, JOWAR. WHEAT. retara return return Tefutu return return return Next preceding return. Nest preceding return Next preceding return. Text preceding return preceding return DISTRICTS. Corresponding of last year. Corresponding of last year. Corresponding of last year. Corresponding of last year. Present return. Corresponding of last year. Corresponding of last year. Corresponding of last year. Present return. Present return. s Districts.--(Contd.) 4. Ch. 8. Ch. 8. Ch. 8. Ch. 9. Ch. 8. Ch 8. Ch. 8. Ch. kholij.*] Tipperab. REHAR. 20 0 23 12 33 0 33 0 40 0 11 0 11 0 10 0 19 0 20 0 34 0 34 0 37 0 83 U 36 O 38 O 18 0 amparun. agb) r.* agulpere. 18 0 20 0 to 19 0 24 0 0 25 0 20 0 22 0 27 0 23 0 26 0 16 0 18 0 17 0 22 0 22 0 21 0 35 0 thal Pergupp OKISSA. ttact .* . 69TK CHOTIANAGPORE agreebagh.

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CALCUTTA, The 2nd January 1877.

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leturns not received.

In the interior the prices range as follow:—Wheat 19-8 to 21-8 seers, barley 25 to 28 seers, best rice 12 to 14 seers, common rice 22-8 to 25 seers, bulrush millet 30 to 38 seers, maize 28 to 36 seers, and gram 37 to 30 seers.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JANUARY 8. 1877.

Districts of Bengal for the Fortnight ending 31st December 1876.—(Continued.)

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G In the interior the prices range as follow:—Wheat 18 to 22 seers, best rice 19 to 20 seers, common rice 22 seers, and gram 26 seers.

H In the interior the prices are as follow:—Wheat 16 seers, best rice 19 to 22 seers, common rice 21 to 24 seers, and gram 12 to 18 seers.

Published for general information.

H. J. S. COTTON,

Jr. Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

ONS.	Distr	icts.		Stati	iona.		Rain from 10th to 16th Decem- ber 1876.	Rain from 17th to : 3rd Decem- ber 1976.	JAM	FROM 18T VARY 876.	Remarks
Divisions							Ram to 16 Ler I	Rain to:3 ber 1	Inches.	Up to date.	
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BEN	((iA],. Westêre '	l)1470	ICTE.			ļ	Inches.	Inches.		1876.	
	W Mariana	.,,,,,	. (Burdwau			Nil	Nil	50°63	23rd Dec.	
			- 1	Cutwa Culua			ditto ditto	ditto Nor rec.	53·47 30·50	ditto 16th Dec.	
ſ	Burdwan	***	í	Bood-Bood Rancegunge	•••		ditto ditto	Nil airto	52:95 41:20	23rd Dec.	
			l	Jehnnahad	•••		ditto	Not rec.		16th Dec.	
	Bankoors		•••	Bankoora			ditto	Nil	70 15	23rd Dec.	
	Beerbhoom		{	Sooree- Hetampore		i	ditto ditto	Not rec.	59°07 71°51	16th Dec	
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Icroway.			ĺ	Midnapore	•••		ditto	ditto	67:02	ditto	
≝	Miduapore]	Tumlook Ghatini	•••		ditto ditto	ditto	80°55 81°32	ditto ditto	From 23rd April.
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il			į		Engr.'s	Office 	ditto ditto	ditto ditto	40.85	i dino ditto	
	Hooghly	•••	{	: Serampore			disto	ditto	65165	ditto	
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l	Moorabedal	nd		Jungypore	 	•••	ditto Not rec.	ditto	. 70°28 . 70°11	. ditto ditto	Not rec 19th to 16th 18cc
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1	Maldan	•••	}	Maidar Chanchal	•-	•••	ditto	ditto	5012	ditto ditto	
- 1	Kajabahye		}	Baulenn			ditto	ditto	70.00	ditto	: •
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j	•.			Panchbilm			· Not res	Nil	13.21	gad bec.	From 26th March, and not rec. 10t • to 16th Dec.
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ان	; larpeding	•••	••	. Intrinsering § 11	osysta.		UTO	Nil	116.59	Sant Inc.	I
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Descriptions. Brations. B				-	1		•		
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Chittageng Sall ditto ditto ditto ditto	Į	Mymensingh {	Mymansingh Jamalpore Atia	•n·	Nil ditto ditto	Nil ditto ditto	90°17 66°34 72°38	23rd Dec. ditto duto	
Carles Bear ditto ditto 13-73 ditto 15-10 ditto 15		(Mce					
Reachedly Found	. [Chistagong {	Cox's Bazar	•••	ditto	ditto	14575	ditto	Not me 96th Nov to 2nd Day
Patna		Neakholly }	Fenny	•••	Not rec.	Not rec.	21.33	9:h Dec.	From 3rd Sept., and ditto ditto
Patna	1	Tipperah {							
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Paina	j	Hill Tipperah	Hill Tipperah	•••	ditto	ditto	77°00 	ditto	
Paina	BEE	IAR.	}		1			į	! !
Paina		ſ							!
Chumparum Cantonment disto dis	ŗ	Patna	liarh	•••	ditto	ditto	46'84 35'19	di'to	
Shahabad Shahabad	ł	l		ıt			,	•	
Jehamabad ditto ditt	ı	S	Nowadah		ditto	ditto	33:95	ditto	
Shahabad Shahabad Sasanan Sa	I		Arunguhad Jehanabad		ditto				
Shahabad Shahabad		(
Mosufferpore Mosufferpore Nil ditto		Shahabad 2	Buxar	•••	Not rec.	Nil	41729	ward bec.	Not rec. 20th Nov. to 10th Dec.
Sestanurhoe ditto	į			•			F41-40	te la Des	
Durbhunga	2	Mosufferpore }	Hajeepore		ditto	ditto	45.95	ditto	
Durbhunga	- 1	,(ł						
Sarun Chupra ditto Mil 35-14 23rd Dec-	l	Darbhunks }	Mudhoubannes	•••	ditto	ditto	37.61	duto	
Chumparan Sewan ditto di	1				ditto		35-14	23rd Dec-	•
Chumparan Bettiah Not rec. Se'tis S5th Nov. Bettiah Not rec. Not rec. S6'tis S5th Nov. Bonghyr Monghyr ditto ditto S3'20 ditto ditto Begoo Norai Jamoose ditto ditto S4'32 ditto Bhagulpore ditto ditto ditto ditto Muddehpoora ditto ditto ditto Banka ditto ditto ditto Muddehpoora ditto ditto ditto Banka ditto ditto ditto Bonbursa ditto ditto ditto Banka ditto ditto ditto Brancab Monghyr ditto Bhagulpore ditto ditto ditto Bhagulpore ditto ditto ditto Bhagulpore ditto ditto ditto Brancab Monghyr ditto ditto Brancab ditto ditto ditto ditto Brancab ditto ditto ditto ditto Brancab ditto ditto ditto ditto ditto Brancab ditto	i	Sarun {	-		ditto	ditto	45:83	ditto	
Monghyr Signal process S	ı	Chumparan §					40:90 58:66	ditto 125th Nov.	
Hegob Noral ditto ditto di	L	02	1		1			23rd Dec.	
Bhagulpore Bhagulpore ditto Not rec. 12th to 18th Nov.	ſ	Monghyr }	Begoo Berai	•••					
Bhagalpore		r	Bhagulpore						
Honthal Pergunnahs Nya Doemka ditto ditto ditto ditto ditto ditto Not rec. 12th to 18th Nov.	ġ	Bhagulpore	Muddehpoora		ditto	ditto	47.03	ditto	
Honthal Pergunnahs Nya Doemka ditto ditto ditto ditto ditto ditto Not rec. 12th to 18th Nov.	2	'	41L						
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Honthal Pergunaha Rejmahal ditto ditto ditto ditto Not rec. 12th to 18th Nov. Deoghur ditto ditto 72-59 ditto	A	Lainers 5			ditto	ditto	61.94		
Southal Pergunahs Deoghur ditto ditto 72-50 ditto		ſ	1 -	•••				4	Not one 19th to 19th Non
Deoghur atto atto to the	ł	Southel Pergunnaha	1 -	***					ATUS INC. AGES TO AUTE ATUS.
f dage man man and man			1						
				-	-1000				

TOTAL.	Diera	lo te.		8 78710 38 .		Rain from 10th to 16th Decem- ber 1876.	n from 17th 25rd Decem- r 1876.	JAI	PROM 157 IVARY 876.	RHEARTS
DIVINORE						Bain to 10	Itain Ver 1	Inches.	Up to date.	•
KI	REA.					Inches.	Inches.		1876.	
			ſ	Cuttack { Telegraphy		Nil	Nil	37-10	23rd Dec.	
ı			- 1	(zoutpres		ditto ditto	ditto Not rec.	41:28 50:05	ditto 16th Dec.	
	Cutteck		_ }	Jajpore Kendraparah	•••	ditto	ditto	46.20	ditto	
ì	CHINA	100		Jugutangpore		ditto	ditto	37.10	ditto	
			İ	<u> </u>		3:44-	Ma	74.0F	00-J D	
İ			ľ	False Point	•••	ditto	Nil	74-25	23rd Dec.	
l!	l !		C	Pooree	•••	ditto	Not rec.	34.93	16th Dec.	
H	l'ogres	•••	₩ {	Khurdah	•••	ditto	ditto	48.73	ditto	
			_	# War . W .	I. A=	ditto	Nil	83.05	23rd Dec.	
	!		ſ	Balasore S Kxe. Kn	gt.'s Office r's Office	ditto	ditto	82-72	ditto	
1	۱		ļ	Bhadrack	Onter	ditto	ditto	61.77	ditto	
1	Balasore			Jeliauore	***	ditto	ditte	65.57	ditto	
1	\$		- 1	Sorah	***	ditto	ditto	67·70 51·86	ditto	
1			Ĺ	Chandbally	***	41000	41110	0.00	ditto	
Į	Cattack Tribe	atery l	Mebale	Sumbalpore	***	ditto	Not rec.	C2:43	16th Dec.	
	1	-						1		
	CHOTA N	AGP(JEE.				1	1		
	W-HTDOG_					1	1	l	1	
	PROPTIES	AGB	HCT.	(Ja i	•	ditto	Nil	44.05	23rd Dec.	
	l		(i Domenty	ditto	ditto	50.43	ditto	
	Hazarechagi	b	₹	Pachumba		ditto	Not rec.	66-28	16th Dec.	
	l		•	r constants on	•••	l				
	Loharduggs		•	Ranchee		ditto ditto	Nil	60:93 89:76	2 rd Dec.	
	Tourtankk.	•••	j	Palamow		arro	i ditto	2976	ditto	
	Singbhoom			Chyebassa		ditto	ditto	61:26	ditto	
		•••				! ! ditto	Not rec.	05:06	10th Dec.	
	Manbhoom		{	Parulah	•••	ditto	disto	58.01	ditto	1
			(Govindpore	•••	!			4.50	
	ASHAM & A		a 13 27 17			!	l	1	l	
	HIL		OWN				:	}		
		-								
	Sylhet	•••	•••	>ylbet	•••	ditto	Nil	159.02	23rd Dec.	Not rec. 3rd to 9th Dec.
	ļ		r	Neebsuuger		ditto	Not rec.		10th Dec.	1
	1		Ì	Golaghat	•••	ditto	i ditto	78:21	ditto	
	!		1	Jorehaut	••	ditto	ditto ditto	60:49 90:33	ditto	ļ
	Rechanger		₹	llatticpootie	•••	ditto	ditt.	80.58	ditto ditto	l I Not rec. 26th Nov. to 2nd De
	- worsening	•••	}	Masengah	•••	duto	ditto	7130	ditto	Mot rec. 20th Nov. 10 280 130
ı			- 1	Nazeeran	-	ditto	ditto	80.04	itto	!
	I		į	Suntock	•••	di:to	ditto	05.00	ditto	Not rec. 10th Nov. to 2nd Dec
			Ĺ	Cuerideo		ditto	ditto	10032	ditto	•
				Akyab		ditto	Nil	161-98	23rd Dec.	

J. Elliott, M.A.,

CALCUTTA,

Meteorological Reporter to the Goot. of Bengal.

The 30th December 1×76.

Meteorological Telegraphic Report for the period 24th to 30th December 1876.

		l_	Barometer	Barometer reduced	THERMO	ETTE.	dir. 100.	WIND	·			Weath
	Date.	Hour	reduced to 32".	to sea- level.	Dry.	Wet	Humidity Sat.=100.	Direction.	Velocity.	Rain.	Clouds.	mitial
	Dec Otth	10	80-161	3r183	68-9	61-7	64	NNE	4.8			
U	Dec. 21th	16	30.018	30:068	74.4	63.0	60	N	6.5	*** ***	K CS	
li	25th	10	30169	301188	CO.2	62.8	01	N by E	4.3	***		5
П		:6	80.011	30.000	75.8	61.0	40	Ŋ	7.2	*** ***		1 8
Н	26t li	10	30:167	30180	7019	63.0	65	ийк	3·8 5·2	*** ***	CK	
H	27Ll:	16	30°03'3 30°186	30:202 30:023	75'8 71'5	01 4 01 4	60 60	ENE	3.1	*****	j	1 .
{!	2/111	10	30'042	30'061	75.8	61.2	53	N	6.9	******	******	1
П	28(b	liŏ	30 lat	3.170	72.0	6410	63	ΝE	3.4	*****	CK	1
11		16	30(120	30 015	70.7	66.0	54	NKW	4.8	*****		1 6
Ш	29 th	10	30.191	30·173 30·051	75.1	65.8	65 55	NNE	2.8	*** ***		1 5
H	30th	16 10	30.101	30213	705	61.7	58	NNE	3.6	•••		1:
11	COM	16	20.089	30.082	747	61.2	43	NW	60			1 3
٦	_	ſ									1	
ſ	Dec. 24th	10	30-167	30.173	75	01	75 56	NNW	. 8.0	*** ***	c	ð, ss
П	26th	16	3 r060 30109	30.046 30.172	71	61 10	66	N N W N	6.2	*** ***	1	6, =
Н	211611	1 16	30.011	80.012	75	63	48	Ñ	8.8	*** ***		1, =
H	26th	iŭ	30:165	30-171	71	UU	70	NNW	6.9	*****	C	b, m
H		16	30.014	30 050	76	65	53	NNW	6.3	••••	C	b, m
ιl	27th	10	30.189	30 19 I 30 0 i l	70 76	GG	66 83	, и и и и и	0.0	*** ***	•••••	1:
H	28th	16	30.150	30.163	73	67	58	NE	6.1	******	******	1 2
П	4014	16	30.042	30001	78	69	58	S W	6.0	******		b
Н	29th	10	30 166	37172	73	67	70	NNW	4.5			6
ı	mout	16	30.013	3 -019	77	66	53 '	N N W	7.7	••••	••••	1 5
li	30th	10	30.173	30.083	72 78	63	51 15	N E N N E	6.0 2.0	•••	******	1 5
Ч		10				i	į	31 M M	: {	*** ***	••••	1
ام	Dec. 24th	10	30.003	39:157	71	63	63	N.E.	8.3	******	C	۸, ۰
H	0541	i 6	29 958	30052	77 72	65	49 70	M Ÿ M	0.0 (•••	K KS	4, 0
H	25th	10	50°0 9 29°946	30°161 30°640	75	67 . 68 .	6.)	E E	8.0	*****	j	b, m
H	26th	10	30.021	30148	73	60	07	ΝE	1.0	•••••		7, -
П		16	29 913	30 037	77	66	63	W	229		K	b, w
ļ	27ւհ	10	30.074	30.103	73 70	65	63	ENE	3.7	*** ***	••••	b, m
1	28th	16	29 953 30 076	30.016	71	66 66	47 (3	W S W N E	3.2 2.1	•••		4.
l	20411	10	50.000	30'031	77	67	67	พัชพ	17	*** ***)	-
ŀ	29th	io	30.056	30.161	72	66	71	NNE	4.0	•••		b, m
ľ		16	20.013	30-036	78	Gö	46	WNW	5'3	*** ***		1.5
ŀ	304 છે	10	20.03	3163 30-036	71 78	67	66 43	NNE	3.7	*** ***		b, m
U		16	1	30 000		0,5	-30	14	1 "1	******		6, 0
r	Dec. 23rd	10	30.062	30.088	HU)	70	68	N by E	21			cloudy.
U		16	29:043	20 971	79	70	61	NNE Nby E	21	43.454		0
U	94th	10	29:936	30°158 30°019	78	70 60	61	NNE	21 19	0.08		cloudy.
i	25th	16	30.0HD	30 122	73	70	80	N by W	9	0-2		0
		16	20-050	3-013	78	73	7×	NNE	11	••••		cloudy.
1	20th	10	30.045	30715	78 78	73 71	78 70	N by E	13	C.03		cloudy.
ı	27tb	16	30.1:3	30145	81	71	เล	NE by N NE	13	*** ***		cloudy
l	2760	16	20.840	30.017	F-1	(18	61	NEbyN	10			
l	28th	10	30.090	20 113	82	70	មន	NEbyE	9	4		9
ί		10	22:776	58 89%	50	(CA)	60	NEby N	12	••••		60
_	Dec. 23rd	1 40	30:110	30 200	71	eo.	40		1		j	6
ſ	Dec. Will	10 16	30(00)	30 (11)2	77	σί	35	NNE	4.0	*****	0	j .
ı	24th	10	30 116	3 /200	72	60	46	NNE	1.3		Ü	b
ļ		16	30101	30.087	77 72	63	43	NNK	3.3	••••	C	16
ļ	25th	10	20:007	30 180	75	61 63	60 39	NNE	28	•••••		6
١	26th	10	30.001	30 178	73	62	61	NNE	1.0	******		6
ļ		16	29.874	20°C 57	79	61	-141	ENE	• 2.5	B	C	6.
١	27th	10	30111	301.38	73	63	55	WNW	0.7		***	6
١	pust!	16	80 (4)5	30 179	79	(5 63	43 55	NNW	2.9 0.8	••••		6
١	. 2811	10	29:043	30179	80	(6	55 41	NNE	28	****		6
ľ	29th	10	30.093	3 r176	74	60	63	Waw	0.5			1 6
ι		16	58.008	87.053	90	G5	41	ENE	3.1	*****		
_	Dec 841		30:140	5 r163	73	6.5	63	8	2.3		1	1
ſ	Dec. 24th	10	30'127	30 019	77	65	03 01	l ŵ	8.3		C	•
1	25th	10	80 125	30:147	7.4	08	73	NE	1.2			
1		16	80'027	30 040	70	68	61	, W.	3.3	•••••	C	1
١	2011	10	80:115 Serve?	30 137	74 73	67	68	NE	2.1	•••	C	1
l	27th	16	80°027 80°146	30.108	75	୍ଷ ପର	61 73	N E N E	28	•••••	U	6
ł	140	10	80.024	34.410	77	67	67	8 W	2.1	*** ***	******	6
1	28th	10	80.150	30.144	7.3	68	70	NE	1.7	*****		6
i	on.i.	16	30.103	30.139	78 76	69	58	NE	4.8	••••	c	•
1	29 th	10	20.102	30 0130	78	70	79 05	w	1'8 5'6	•••••	Ü	,
1	80th	10	30:100	301122	77	เข้	65	NE	2.0	*****	Č	1
ı		16		rcorded.	ı	•		1				1

• Velocity of wind in miles per hour.

John Elliott, M.A.,

Meteorological Reporter
to the Government of Reveal

No. 2 of 1877

[REGISTERED NO. 29.]



The Calcutta Gazette.

WEDNESDAY, JANUARY 10, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GARRITE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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the 6th January 1477	15	Results of the Meteorological Observations taken at	
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• •			

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Benyal, as reported to Government during the week ending the 6th January 1877.

1	* No.	District.	and da urn.	te of		Rainfall at Sudder Station in inches	
be	nga	I					
		Western	Distr	icts.		! !	• •
	1	Burdwan,	Jan.	8,•	'77	Nil	The reaping of seases paddy is nearly finished. The cold-weather crops are doing well.
	3	Bankoora,	••	6,	"	Níi	Weather—Seasonable. The rice crop has been harvested with a bumper outturn. The cold-weather crops continue very promising. Cholera reported from the north-east of the district.
AN DITE	3	Beerbhoom,	,,	6.	••	NII	Weather—Seasonable. No change to report. The subbes crops are doing well. No rain has fallen in any part of the district, and there does not appear to be any want of it.
bosov	4	Midpapore,	**	6,	••	Nil	Weather—Fair and seconable. The cold-weather crops are average. Small-pox is comewhat prevalent in the south of the district.
	5	Hooghly,	**	6,	**	Ŋil	Weather—Seasonable. The harvesting of sames is almost over. Spring crops are doing well. Vegetables are abundant and are being sold cheap in the bazar. General health is fair. Cholera in a sporadic form prevails here and there.
	l	Howreb,	••	6,	,	Nil	Weather—Seasonable. The crops are nearlyfull cut. There is an unusually good, harvest accompanied by unusually high propes for the time of the year.

Telegram of the 8th January shows reinfull during the coren days immediately preseding.

No.	.	District and retur		and		Rainfall, at Sudder Station in inches.	
	<u>_</u>						
	اعمد	.—(Contd.) Central I)istri	eta.			
	6	24-Pergunnah	-		'77	Nij	Weather—Seasonable. The harvesting of cases, or late rice, is well advantaged the cold-weather crops are doing well. Cholcra cases are abating in district
1	7	Nuddes,	,,,	6,	17	Nil	Wenther—Cold. The state and prospects of the cold-weather crops are gener good.
	8	Jessore,	••	6,	17	Nil	Weather—Seasonable. The late rice is still being gathered. The prospects the cold-weather crops are good.
l	9	Moorshedabad,	10	6,	,,	Nii	Weather—Scosonable. All rubbee crops, as well as indige and mulberry, promising. The sugarcane is being put to the mill, and a good outturn expected. Prices of rice have risen. The new amous rice has not fully existent the market as yet. General health is good.
ſ	10	Dinagrpore,	.,	5,	•	Nil	Weather—Fine. Occasionally cloudy, but no rainfall. The kymunli rice is a being harvested with very good outturn.
	11	Maldah,	••	6.		Nil	Weather—Cool and fair ; occasionally cloudy. The crops continue good. Cholis increasing. Tairty-six deaths reported during the week, which were most isolated cases.
1	12	Rajshahye,	••	6,	7•	Nil	Rain is much needed for the rubber crops. There are still a few cases of chol towards the north-east of the district.
	13	Rungpore,	91	5,	90	Nil	Weather—Seasonable. Prospects of the crops are good.
	14	Bogra,	**	6,	91	Nil	Weather—Seasonable. The rice crop is nearly all cut; other crops are doing w Cholera is prevalent to some extent.
l	15	Pubna,	••	6.	••	Nil	Weather—Seasonable. State and prospects of the crops are satisfactory. Chois abating.
1	16	Darjeeling,	ų	5,	39	Nil	Weather—Cloudy and very cold, threatening rain or snow. The outturn of all crops has been good. The land is being prepared for seed.
}	17	Julpigoree,	**	6,	**	Nil	Wenther The coldest week up to date this season. Rice is all cut. Oil-se and tobacco are getting on well. Ploughing for early rice is in progress.
		Cooch Behar, Eastern L)) >4	4,	••	Nil	Weather—Fair and cold. Nothing to add to the last report. Hymnati dhan nearly all cut. A little rain now would improve the tobacco crop. Fove still prevalent.
_	10	_	_		1ho		
ſ		i	Jan.	_	77	1	Weather—Eather warm for the season. The state of the crops is favorable.
l	19	Furreedpore,	"	6,	"	Nil	WeatherFine, with a few clouds. State and prospects of the crops are ge Cholera is less provalent except in Bhusna thans.
	20	Backergunge,		4.	•	Nil	Weather—Fine and cool. The sub-divisional officer of Doulatkhan reports follows:—"From inquiries 1 have made in the interior of the sub-division appears that the crops have suffered more seriously than was at first imagir. The return has been very poor, and in some villages in the interior scars anything has been obtained. Cholera is very bad all over the sub-divisional officer of Patuak also reports that there has been and is a had outbreak of cholera in one the storm-wave stricken parts of his sub-division, viz. in the thana of Bow It is now certain that the crops in the tracts struck by the storm-wave been greatly injured. The case of this injury was the cyclone of the 3 October, but chiefly the heavy gale on the 23rd November last. In others of the district the crops are better, but have still been greatly injured. Cholera is present in thenes Malchitt, Jhalokati, Backergunge, Mendigur Gournady, Mirzogunge, Perozepore, Sarupkati, and Matharia. The cattle everywhere reported to be in good health.
	21	Mymensingh,	••	5,	••	Nil	Weather -Fine and seasonable. The prospects of the crops are promising.
l	22	Tipperab,	••	5,	••	Nil	Weather-Fair. Prospects of the winter crops are promising.
[23	Chittagong,	•	4,	••	Nil :	Wenther—Cold and seasonable. No change since last report. The harvesting amas continues. Cholera still prevails in different parts of the district.
		Noukholly,	,. 11	4,	10	NII 	Weather—Very heavy dew at night, followed by cold, damp, and foggy morning Almost all the amost crops are respect. These crops in the inundated training safered much, as already reported, from the late cyclone and inundate There is a rise in the price of rice owing to expertation to Chittogong distances to the interest of the control of the control of the infection of the interest of the infection of the infection of the infection of the infection of the infection of the tidal bore due at this season.
ļ		Tracts,	••		•••		Return not received.
ĺ		Hill Tipperab,	•	3.	277	Nil	Weather - Seasonable. State and prospects of the crops are satisfactory.

1	No.	District, a		te of	•	Rainfall at Sudder Station in inches.	
BE	HAR			~			
	26	Patna,	Jan.	8,•	'77	Nil	Weather—Seasonable. Dhan is being harvested with a good outturn, and the prospects of the rubbee crops are favorable. Prices of food-grains have rises owing to exportation to Delhi and Hombay. Health, with the exception of a few cases of small-pox, is good.
	27	Gya,	19	6,	•	Nil	Weather—Fair and cool. The maximum reading of the thermometer in the shade was 73.4" The harvesting of the **harref* crop still continues. The prospects of the **nbbes* crops are very promising. General health is good.
. i	28	Shahabad,	1,	6,	·»·	Nil	Weather-Cloudy and cold. Prospects of the crops continue good.
CAIRA DIVE.	29	Durbhungs,	,,	G.	"	Nil	The rice crop has been harvested, and the outturn may be said to be an average one. The rabbee crops are promising, but they now want rain.
FATE	30	Mozufferpore,	**	6,	,,	Nil	Weather—Cold and seasonable. The prospects of the crops on all sides are excellent. The harvesting of dhan is almost completed. The rubbes crops are doing well. Public health is good.
	31	Sarun,	,,	G,	•	Nil	Weather—Clear and cold; little cloudy on the 4th and 5th instant. Wind blowing from the west. The prospects of the subbse crops are generally very favorable throughout the district. Ruhas and mustard are flowering; wheat and barky are in car; and poppy is coming on well. The indige fields are ready for the next year's sowings. General health is good.
l	32	Chumparun,	"	6,	,,	Nil	Weather - Seasonable. Prospects of the crops are most favorable.
•)	33	Monghyr,	**	G,	,,	Nil	Weather-Fair. The prospects of the crops continue good.
3	34	Bhagulpore,	11	8,4	"	Nil :	The cold-weather crops are so far excellent. General health is very good.
Carolifora Divi	35	Purneah,	•	6,	,,	Nil	Weather—Fair. The winter rice is nearly all harvested. A little rain would do good to the rather crops.
	36	Sonthal Perghs	ı. "	7.		Nil	Weather—Dry. State and prospects of the crops are excellent.
ı	SSA.				l	i	
	37	Cuttack,	••	6,	•	Nil	Weather—Cold and clear. The late rice is being reaped with a good outturn. The winter crops are suffering slightly from want of rain. There are a little fever and cattle disease in Jajpore; elsewhere the public health is good.
1	38	Poorce					Return not received.
;	39	Ralasore,	••	3.	" ;	Nil	Weather—Fair and cool. More than one-half of the paddy crop is harv and the trade in rice is very brisk.
·11c	уга 1	NAGPORE.			٠	!	
•		South - West Agenc		lier	:	!	
	w.	Hazarcebagh, J	H11.	5 . '	77 ;	Kil ¦	Weather Clear and fine. State and prospects of the crops are satisfactory. Ploughing has commenced in the rice fields.
	41	Lohardugga,	••	G,	• : • :	Nil 1	The rain, which is seasonable at this time of the year, has not come yet. Prospects of the crops are good, but rain is wanted. Health of the district is good.
	42	Singbhoom,		ſ.,	. i	Xil .	Weather—Seasonable. State and prospects of the crops are favorable. General health is good.
	43	Manbhoom,		6,	. i	Nil N	Weather—Seasonable. The rice crop is all but harvested. It is not only a good one, but the ryots are getting good prices owing to the demand for export.

[•] Telegram of the 8th January shows rainfall during the seven days immediately precising.

Published for general information.

H. J. S. Corron,

Jr. Secy. to the Goet. of Bengal.

CALCUTTA, STATISTICAL DEPT., The 9th January 1877.

PRICES-CURRENT of Food-grams and Salt in the undermentioned

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the prices are as follow:—Wheat 16-8 to 17-4 seers, best rice 18 to 16-8 seers, common rice 14 to 20 seers, and gram 17 to 20 seers, the prices range as follow:—Wheat 16-8 to 23 seers, best rice 15 to 25 seers, best rice 16 to 24 seers, common rice 27-8 seers, and gram 18 to 30 seers, make 36 to 37 seers, and prices range as follow:—Wheat 16-8 to 22 seers, barley 26 to 30 seers, best rice 8-8 to 12 seers, common rice 14-to 17 seers, and gram 18 to 30 seers.

A prices range as follow:—Wheat 27-8 to 22 seers, barley 26 to 30 seers, best rice 8-8 to 12 seers, common rice 14-to 17 seers, and gram 15 to 17 seers.

A prices range as follow:—Wheat 8 to 17 see (, best rice 13-8 to 19 seers, common rice 16 to 26 seers, and gram 16 to 26 seers.

A prices range as follow:—Wheat 17 to 18 short, barley 30 seers, best rice 14-to 18 seers, common rice 17-to 19-12 seers, and gram 30 to 38 seers.

A prices are as follow:—Wheat 16 seers, best rice 23-8 seers, common rice 26 seers, and gram 26 seers.

Districts of Bengal for the Fortnight ending 31st December 1876.

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j		. 1	8 0	18	0	18	o i	32	; ه	32 (υ '3 8	2 0	15	0	16	0	16	0	26	o ¦2	7 0	26	0		.				i	•••		64	0 6	4 0	64	0

precived.

or the prices range as follow:—Best rece 13 to 10 seems, and common size 13 to 23 seems,

ar the prices range as follow:—Wheat 20 to 23-13 seems, barley 2 :-4 to 30 seems, best rice 13-6 to 26 seems, common rice 23-6 to 27 seems, lesser millets 35 to 45

saint 32-6 to 36 seems, and gram 16 to 26-5 seems, barley 2 :-4 to 30 seems, best rice 12 to 14 seems, common rice 23-6 to 25 seems, balloush millet 30 to 33

pat millet 35 to 36 seems, lesser millets 35 seems, harley 25 to 36 seems, best rice 12 to 14 seems, common rice 23-6 to 25 seems, balloush millet 30 to 33

To the prices range as follow:—Wheat 16 to 23 seems, barley 23-6 to 36 seems, best rice 13 to 26-1 seems, common rice 20 to 32 seems, lesser millets 37-6 to 44-11

jve 9 36 to 44-11 seems, and gram 23 to 33 seems.

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		i,	IONTI	PER N	LGES !	B W	VERA	A										8.)LAH	80 T	OF	HKE	Πĸ
	OR	MON M.	CAR		or II		RAL	LE-BOI THUDI	Agı		LT.	 8/		D.	ZZWOO	j i		Pan.	6	3-		00E	Mai
dis tri (Corresponding return of last year.	Next preceding return.	Present return.	Corresponding return of last year.	Next preceding return.	Present roturn.	Corresponding return of last year.	Next preceding return.	Present return.	Corresponding return of last year.	Nest preceding telation.		Present return	Corresponding return of last year.	Nest preceding return.	Present return.	Corresponding return of last year.	Nest preceding return.	Present return.	of last year.	Corresponding return	Next preceding return.	Present return.
ustern Districts	E	Rs. A.	JRs. A.	Ra. A.	Rs. A.	Rs. A.	Rs. A.	Ra. A	,Rs. A	i. ('h	Ch.J	n.18.	.js. ci	jð. Ch	6. Ch.	8. Ch.	8. Cb.	. Ch.	Ch. ₁ 8			8, C	. CI
('hittagong. Nonkholly.	10 0 to 15 0	5 to	19 0 to 20 0	 6 0 {	 6 0	 6 0	 9 8	 9 8	 11 0	9 0 8 0	0	9	9 0	1 20 0		1 2 0 0	16 O	3 8 1 0	0 1	. 14			***
Tipperau. Chittagong Hil				•••		•••				8 12	8	1 8	8 19	 		•••	Lp o	8 8	0 1	. 17	"		•••
Пill Tipperah.	10 8	19 0	10 8	6 0	6 0	6 0	5 8	5 8	6 8	8 0	o	8	8 0				9 0	6	0 1	. 10			•••
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} Patna. } Gya	to 7 8 4 0 to 5 0	to 7 8 4 0 to 5 0	to 7 8 5 0 to 6 0	to 5 0 2 8 to 4 0	to 5 0 4 0	5 0 4 0 to 5 0	to 4 0 2 8 to 2 12	to 4 0 2 8 to 2 13	to 4 0 2 13 to 3 U	8 0 { 8 0 {	0		8 0	160 O	1400 1600	160 O	2 0	0	0 3	0 25 8 23	1	41 (35 (3 O
Shahabad. Durbhunga.	 4 8 to	 5 10 to	 4 0 to	 4 0 to	 8 0 to	 8 0 to	 3 12	 8 19	 3 0	7 6					198 O		İ	12	İ	0 24	33	30 (44 (0
Mozufferpore.	8 0 5 0 10 0	7 8 6 0 to	6 0 to	5 0 4 0 to	5 0 4 0 to 4 8	5 0 4 0 4 8	2 8 to 3 12	2 8 to 3 12	3 8 to 3 12	7 8 8 8 {	- 1	İ	8 8		160 v	1	i	1	0 2	0 23 0 21		42 (37 (8
Chumparun, Mongbyr.	6 U	5 O	5 0 5 10 to	4 0 }	4 0	4 0 3 0	4 0	9 13	2 13 3 0	7 8 8 4			7 32 8 4	 147 O	 147 U	 1 47 0	1 0 W 4	1	21 34	6 22		19 C	9
Bingulpera, Purneah. Sonthal Pergis	7 8 tu 9 6	7 8 to 9 8	5 10 to 9 U	5 0	3 8 to 5 0	4 0 5 0	2 13 to 3 12	2 13 to 8 12	2 13 to 3 12	8 3 {	13	8	5 13	151 8	151 8	tet a	7 12	12	11 2	8 17	39	36 12	. 9
Furnesh,	 7 B	 7 8	7 8	 5. 0	5.0	 5 0	3.8	3 19	3 19	B 0	٥	8	B 0	160 0 330 t	100 0 940 0	200 G	14 0 10 0	8 8	0 2	. 20 0 20		35	
ORI										,	_								• • •	·		-	•
Cuttack. ⁶ Poores. ⁶ Balasers.	5 0 } to } 15 0 }	8 0{	7 8 } to 15 0 }	4 0 to 10 0	5 o {	}5 O	3 0 to 5 0	ь o{	4 8	•••	•	9	9 4	•••	9 0 0	BU Q		0	0 1:	13		•••	•••
Balasers. CHOTA N.	to }	8 0 }	to }	10 O	5 0 }	\$ 5 0	to 5 0	5 0 }	4 8	•••	•	9	9 4	•••	9 0 0	9 0 0			3 0	0 13 0	. 13 0 13 0	13 0 13 0	13 0 13 0

The the interior the prices range as follow:—Wheat 17 to 23-8 seers, barley 20 to 30 seers, best rice 17 to 33 seers, common rice 20 to 50 seers, lesser at mains 45 to 60 seers, and grain 22-8 to 30 seers, barley 20 to 38 seers, best rice 14 to 18 seers, common rice 21 to 27 8 seers, lesser at mains 42 to 50 seers, and grain 20 to 32 seers. Wheat 16 to 10 seers, barley 17 to 27 seers, best rice 25 to 20 seers, common rice 24 to 30 seers, lesser mills seers, and grain 16 to 26 seers.

Wheat 16 to 10 seers, best rice 25 to 20 seers, common rice 24 to 30 seers, lesser mills are the interior the prices range as follow:—Wheat 18 to 23 seers, best rice 19 to 20 seers, common rice 23 seers, and grain 26 seers.

X In the interior the prices are as follow:—Wheat 16 seers, best rice 19 to 22 seers, common rice 21 to 31 seers, and grain 13 to 18 seers.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

	···			Or Or Remian					orogrea	Reporter a Omice.
Divisions.	Dierai	ots.		STATIONS.		Rain from 17th to :3rd Decem- ber 1576.	Rain from 24th to 30th Decem- ber 1876.	JAI	PROM 18T IVARY 876.	Remarks.
Dia						F 5 F	or Sain	Inches.	Up to date.	
				<u>' </u>	————	 -				
BE	NGAL.					Inches.	Inches.		1876.	
	Western D) retri	CT».			I uches.	IMODIO.		20,0.	
	İ		ſ	Burdwan Cutwa	•••	Nil ditto	Nil ditto	50°63 53°47	30th Dec.	
ſ	Burdwan	•••	{	Culna Bood-Bood	•••	Not rec. Nil	ditto ditto	89·60 52·95	ditto	Not rec. 17th to 23rd Dec.
ĺ			- [Rancegunge		ditto Not rec.	ditto	44°20 83°25	ditto ditto	Not rec. 17th to 23rd Dec.
- 1	Bankoora			Hankana	•••	Nil	ditto	70:15	ditto	THE LOCK TARE OF SOLICE THE
			•	Sooree	••	ditto	ditto	59:07	ditto	
اء	Beerbhoom .	•••	}	Hetampore Roypure	•••	ditto	ditto	71 64	ditto	
BURDWAS.			•		•••	ditta	ditto	56.30		
			- 1	Midnapore	•••	ditto	ditto	67:62	ditto	
	Midnapore	•••	{	Tumlook Ghattal		ditto ditto	Not rec. Nil	81.35 80.92	23rd Dec. 30th Dec.	From 23rd April.
1	}		- 1	Contai Siy, Collr.'s		ditto	ditto	61.30	ditto	! !
- 1	Hooghly	•••	}	Hooghly	'a Office 	Not rec. Nil	Nil	10.01 10.01	15th Dec 30th Dec.	!
ı	21008019	•••	(Serampore	•••	ditto	ditto	63:U5	ditto	<u> </u>
l	Howrah .	•••	{	Howrsh Mahesbrekha		ditto ditto	ditto Not rec.	65.95 72.81	ditto 23rd Dec.	
	CRETRAL D)1 872 1	OTO.							
			ſ	Saugor Island Calcutta		ditto ditto	Nil ditto	78·(8) 80:23	30th Dec.	
	1		- 1	Alipore { Dispensary		ditto ditto	ditto ditto	821.5 821.5	ditto ditto	
_	94-Pergunna	he		Busserbat	•••	ditto	ditto ditto	98.90 98.43	ditto ditto	
	34-Laikeman		Ţ,	Diamond Harbour		ditto	ditto	79.67	ditto	
- 1				Harripore		ditto ditto	ditto ditto	76:33 82:78	ditto ditto	
ı	İ		Ļ	Barrackpore Dum-Dum		ditto ditto	ditto ditto	49°08 70°90	ditto ditto	
- 1	1		1	Kishuaghur . Bongong		ditto ditto	ditto ditto	45·12	ditto ditto	
į	Nudden	***	{	Meherpore		ditto	ditto ditto	00:23 (14:37	ditto ditto	
Ĭ			Į	Kooshten		ditro ditto	ditto ditto	63.81 67.70	ditto ditto	
PRESIDENCE.			ſ	Jessore Nurrail		ditto ditto	ditto ditto	70°91 76°59	ditto ditto	
=	Jessoro .		{	Khoolna	•••	ditto ditto	ditto	85°84 07°20	ditto ditto	
ļ			ij	lingirhat		ditto ditto	Not rec. Nil	84.85 08.57	23rd Dec. 30th Dec.	
ı			{	Berhampore	***	ditto	ditto ditto	63-95 58-95	ditto	
1	Moorahedaba		{	Lallbagh	•••	ditto	ditto	63-54	ditto	•
ı	AL COTHURNS	***	<u> </u>	Jungypore Azimgunge	•••	ditto ditto	ditto ditto	76:28 70:11	ditto	
			į	Laligolia Kandee	•••	ditto ditto	ditto ditto	73-21 52-53	ditto ditto	
	Dinagepore .	,	{	Dinagepore	•••	ditto	ditto	68-55	ditto	99
	35-34-1	•••	{	Raigunge	•••	ditto ditto	ditto ditto	66-61 50-42	ditto ditto	From 21st May.
I		•••	{	Chanchal Bauleah	•••	ditto ditto	ditto ditto	78°27	ditto ditto	
ایر			٠ ر	Nattore	•••	ditto	ditto	89.74	ditto	
RAJOHANTE.			J	Rungpore Bhowaniguuge	•••	ditto ditto	ditto ditto	65-69 64-39	ditto ditto	
	Rungpore	•••]	Kurigram Bagdogra	***	ditto ditto	ditto ditto	83:31 100°06	ditto aitto	-
2	B		ſ	Hogra		ditto Not rec.	ditto ditto	68:32 71:64	ditto ditto	From 19th April, and not rec. 17th
ı	Bogra		" [Panchbibi		Nil	ditto	42.51	ditto	to 23rd Dec. From 26th March.
	D-1-		(Pubna		ditto	ditto	70-10	ditto	
Į	Pubna	•••	₹	Serajgunge	•	ditto	Not rec.	06.21	23rd Dec.	Not rec. 19th to 25th Nov.
ſ	Darjeeling			Darjeeling { Telegraph Hospitai		ditto ditto	Nil ditto	118-97 116-50	36th Dec. ditto	
او			_	_	•••	ditto	ditto		ditto	
L-SCH BREAK	1			Julpigores Boda	•••	ditto	ditto	113·01 98·92	ditto	
E I	Julpigores	 .	{	Buza-Civil Surgeon's	Office	ditto	ditto	191.61	ditto	
Š			l	Titalya		ditto	ditto	100-55	ditto	
7.1	Cooch Behar States	Trabu	tary	Cooch Behar		ditto	ditto	100-18	ditto	
	·			<u> </u>		<u> </u>	<u> </u>			

									
DITIBLOMS.	Districts.		Stati	one.	Rain from 17th to 23rd Decem- ber 1576.	Rain from 21th to 30th Decem- ber 1876.	JAR	TOW 1ST UABY 576.	Romabro.
Div	i				Ser 1	Lain to 30 ber 11	Inches.	Up to date.	
	<u> </u>				<u> </u>				·
BI	RNGAI—(Contis	rued.)							
	Kasters Dist	LICTS.			Inches.	Inches.		1876.	
		_							
		J	Daces { Telegr	raph Office ital	Nil ditto	Not rec. Nil	83·47 76·46	23rd Dec. 30th Dec.	
ſ	Ducen	_]	Moonsheegunge Manickguuge	441	ditto	ditto ditto	105:39 71:50	ditto ditto	Not rec. 10th to 16th Dec.
J		Č	Furreedpore	•	ditto	ditto	78-11	ditto	
á	Farreedpore	 {	(ionlundo Madaripore		ditto ditto	ditto ditto	75 43 90:36	ditto ditto	
D1004.		ſ	Barrisal Perozopors	101 011	ditto ditto	Not rec.	74·35 H1·29	23rd Dec.	
- 1	Backergunge	·-{	Patroakhally Dowlutkhan		ditto	ditto Not reed	116.63	ditto 2:th Oct.	
ļ					Nil	20.1	00-18	1001 Tr -	
l	Mymensingh	{	Mymensingb Jamulpore		ditto ditto	Kil dato ditto	00.17	30th Dec. ditto duto	
		(Atia Kishoregunge	•••	ditto	ditto	85.70	ditto	
		(legraph Office	ditto	ditto	R1:03	ditto	İ
ا ہ	Chittagong	{	Cox's Barar	•••	ditto ditto	ditto ditto ditto	145.75 151.07	ditto ditto	Not rec. 26th Nov. to 2nd Dec.
	Noakholly	₹	Noakholly Fenny Comiliah	•••	Not rec. Nil	ditto	21:38	ditte	From 3rd Sept., and ditto and 10th to 23rd Dec.
CHITTAGOFG.	Tippersh	- ** {	Brahmunbariah		ditto	ditto	60.95	ditto	
5	Chittagong Hil!		Rungamater II	ıt ı	ditto	ditto	101-20 77-06	ditto	
ι	i Hill Topperah	•••	Ilill Topperah	****	anto	j Not ree.	17-00	25rd Dec.	! !
BEI	IAR.	_			į.	Ì	!		! !
		ſ	Paina Bebur	100 100	ditto	Nil ditto	37.50	30th Dec.	
ſ	Patna	-1		in	ditto ditto ditto	ditto ditto ditto	35'60 37'60	ditto ditto	
- 1		•	Ora C	Cantonment	ditto	ditto	45:90	ditto) !
]	Gya	}	Nowadeb Arungabad	***	ditto ditto	ditto	3395 41:17	ditto	
- }	1		Jehanabad	•••	ditto	ditto	3F51 i 21·03	ditto ditto	•
ı	Shahabad	}	Arrab Sasseram Bugar		Not rec. Nil	ditto ditto	31.07	ditto ditto	Not rec. 17th to 23rd Dec.
اۃ	•	C	Bhubocah		ditto	ditto	31.00	ditto	
PATTA.		S	Mozuflerpore		ditto ditto	ditto	53.71 45.52	ditto ditto	
_	Mosufferpore		; liajeepore Seatumurbee		ditto	, ditto	41:27	ditto	
	Durbhunga	{		*** ***	ditto ditto	ditto	37·61	ditto ditto	! !
1		(Tajpore	•••	ditto	Not rec.	33.40	ditto 23rd Dec-	
1	Seron	{	Chn::rs Sewan		ditto	ditto	45.83	ditto	
	(A	5	Motihares		ditto	Nil	49-90	30th Dec.	
į	Chumparun	··· {	Bettiah	***	ditto	ditto	54:30	ditto	•
ſ	Monghyr	{	Monghyt Regoo Herai Jamoose		ditto	ditto	33·20 54·32	ditto ditto	
		ſ			ditto	ditto	03:14	ditto	
<u>.</u>	Bhagulpore	{	Soopool Muddebpoora	101 011	ditto ditto	ditto	41:38 47:08 67:85	ditto ditto ditto	
1,501		l	lianka Sonbursa		ditto ditto	ditto ditto	67'86 50'28	ditto	
BELGUIDORE.	Purposh	{	Purnesh Kiesengunge		ditto ditto	ditto ditto	61.85 71.85	ditto ditto	
Ã		٣.	Arrareab		ditto	ditto	ol'54	ditto	
		ſ	Nya Doomka	•••	ditto	ditto ditto	45.85	ditto	Not rec. 12th to 18th Nev.
į	Southal Pergann	abs {	Rajmahal Deoghur		ditto	ditto	72:60	ditto	
			Codda		ditto	ditto	54.50	ditto	
_	<u> </u>				I	<u></u>	1	'}	

DIVISIOSE.	bær	Bio t s	,	8743	Mo ys.	ć	Bain from 17th to 25rd Decem- ber 1876,	Rain from 94th to 90th Decem- ber 1876.	JA	FROM 1sr HUARY 1876. Up to date	KSWARKS
-	INUA.					· · · · · · · · · · · · · · · · · · ·	Inches.	Inches.		1876.	
[Cutter k	-	{	Cuttack { To Jajpore Kendraparah Jugutangpore	elograph ospital 	Office 	Nil ditto Not res. ditto ditto	Nil ditto Not rec. ditto ditto	37·10 41·28 50·05 40·50 87·19	80th Dec. ditto 16th Dec. ditto	
			į (False Point Pooree	-	•••	Nil	Nil ditto	74·25 84·93	30th Dec.	
Ontes.	Pooree	•••	{	Khurdah	 	***	ditto	ditto	48.23 83.05	ditto	
	Balgeore	 -	{	Balasore } Co Bhadrack Jeliasore Sorah Chandbally	ollector's	.'s Office Office 	ditto ditto ditto ditto ditto	ditto ditto ditto ditto ditto	89-79 51-77 65-57 67-70 51-86	ditto ditto ditto ditto ditto	
t	Cuttack Trib	•		Sumbalpore	-	**	ditto	ditto	68.13	ditto	
	South-W						ditto	ditto			
	Hazareebagi	h	{	Hazareebagh Pachumba	Jail Dispe	neary	ditto	ditto ditto	44.05 50.43 55.28	ditto ditto ditto	
	Lohardugga		{	Ranchee Palamow	-	•••	ditto ditto	ditto ditto	60 ⁻ 93 30 ⁻ 76	ditto ditto	
	Singbhoom	•••	•••	Chyebassa	101		ditto	ditto	61-26	ditto	
	Manbhoom	•••	{	Puruhah Govindpora	***		ditto ditto	ditto ditto	29.07 40.08	ditto ditto	
	ASSAM & A		DENT								
	Sylbet	•••		Sylhet	•••		ditto	ditto	152-03	ditto	
	Seebsauger	•••		Seebsaugor Golaghat Jorehaut Deopanie Hattispootie Mazengah Nazerah		-	ditto ditto ditto Not rec. ditto datto	Not rec. ditto ditto ditto ditto	78:21 69:49 90:33 80:28 74:60	23rd Dec. ditto ditto 16th Dec. ditto ditto	Not rec. 28th Nov. to 2nd Dec.
			U	Suntock Cherideo	440 480 481		ditto ditto	ditto ditto ditto	92:09 100:82	ditto ditto ditto	Not rec. 19th Nov. to 2nd Dec.
				Akyab	#·	**	Nil	Nil	151 98	30th Dec.	

CALCUTTA,
The 6th January 1877.

FANINDRA MOBAN BASU, Head Clerk, in charge of the Meteorological ()fice, Bengal.

Meteorological Telegraphic Report for the period 31st Dec. to 6th Jan. 1877.

<u>.</u>				Barometer	THURN	ON STEEL	<u>h</u> d) WIEI).			
STATIONS.	Date	. Ilo	r. Berometer reduced to 32°.	reduced to sen- level.	Dry	Wet	Rumidity Set.=100.		T •	Rain.	Clouds.	Weather instials.
10	<u> </u>		<u> </u>		2.5		H 2	Direction.	Velocity.			
1	Dec. 3	let 10	30·177 30·025	3:r196 30:044	69:6 78:0	60-9 8-69	60 43	N by W	8·7 9·8	****		8
- 1	Jan.	Let j 10	80.143	30-163	66.2	69.3	61	N by W	4-9	*** ***	******	1
. 1	9	nd 16	30-015 30-149	30.081	73·5	63.0	50 65	N by E N N E	8·2 3·0	•••		1 6
1		16	30.018	80-031	74.6	68-6	51	N by E	4.5	****	******	6
64	'l "	rd 10	30°163 30°040	30°181 30°089	6H-5	63.4	70 51	8 8 W	2.2	*** ***		6
CALCUTTA.	4	th 10	30-159	3 0°171	69.3	61.2	6:3	₿ by W	3·3 2·3	******	CK	6
٦,		th 10	80.036 241.02	80.055 81.171	735 700	63.2	40	8 by W	3.7	*****	CS	1.
ı	1	16	30-059	30ru71	710	#2.8	61 51	WSW	3·3 4·3	******	K CS	16
	1 6	th 10	30.018	30°213 80°067	7511	65 () 63-2	61	wsw	2.8	*** **		1.6
	Dec. 81	1	80-179	80-185	69	- 1	4d 70	NbyE	7.5			1 *
i	1/00. 01	16	87-025	30.058	74	63 61	43	N N W N N W	0·1 5·8	*** ***	c	1
	Jan. 1	ut 10	30·113 30·012	30·149 3·r018	607 73	60 61	64	W K K	6.7	*** ***		6
IRAND.	2	nd 10	80-135	80141	70	65	46 75	N N W N W	9·5 7·1	*** ***		6
1	١ ـ	_ 16	80-036	30'049	73	64	58	8	8.9	*** ***	C	Ь
={	1 3	rd 10 16	30·159 30·0-6	30°158 30°061	70 76	88 38	80 53	N N W	3·3 6·5	••••	CC	b f
2	4	th 10	30-147	30.123	71 77	64	68	NNW	1.6	*** ***	ĸ	1 6 5
BAVEOR	5	th 16	30°041 30°161	80.157	77 71	65 65	49 71	WBW	5·7 2·3	••••	SC K	6
-	1	16	30.062	80:061	76	66	- 56	W	6.3	•••	K	6 5
ļ	6	th 10 16	30-017	30 186	73 75	63 63	54 48	ENE	50	•••••		65
,	Dec. 31	ł	80:017	30149	00	60	56		8.5	****	*** ***	6
- 1	_	16	29 HUH	80.003	73	00	4-3	w x w	2·5 4·4	•••••	••••	b, sa b, sa
ł	Jan. 1	st 10 16	20'044 20'044	30°099	71 71	63 63	69 51	ENE WSW	4.0		••••	b, m
ż	2,	ad 10	30.106	30·201	(B)	69	70	NNE	9.3	•••••	******	6, m
CRITTAGODO.		rd 10	29:903 30:101	30:057 30:196	76 71	63 63	41 02	, W	54		•••••	l, r
E	1	16	58.848	30:045	77	(53	49	N N E W N W	5·7 5·1		*** ***	δ, m δ, m
	4	th 10	20.069	30 060	79 77	63 65	5N 49	ENE	9.0		•••••	b, ==
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ı		16	20.021	30°084 30°171	79 60	69 5×	33	WNW	2-9		С	6
ļ	Jan. 1	r 10	30-057 29-941	30.051	78	61	47 82	NNW	2.0	<u></u> !		k .
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	OL	h 16	20.104 30.104	30-188	73	61	40 59	www.	9.3		K	6
Ų		16	29-070	30.063	80	73	70	NW	3-1		CK	ő
ſ	Dec. 31		30°078 29°903	20:100	75 77	65	64 49	NE	3.7).
	Jan. 1	st 16	30.074	30-096	72	66	71	W K	4·0 3·5			6
Į į	211	16	29-982 80-118	30°004 30°140	74 71	65 65	59	w	2.6		•••••	<i>i</i> .
الوا	-	16	80-020	30-049	77	66	66 53	NNE	3-0		*****	b .
AFFAS	3r		30°116 30°004	80.038 80.138	79 81	64 65	63 88	N R N R	2.1		•	6
₹	41	h 10	30 105	80°197	75	67	61	NR	4·0			6
- 11	5t	16 h 10	29·994 30·119	80-016 30-141	81 77	70 60	66 66	W N	4.9		K	-
- 11		16	30-040	30.063	76	66	56	NW	60		CE.	
- []	60	h 10 16	30-099 30-010	30-121 30-033	78	71	63	WNW	9·1		CK	
u			1			1		** **	0.0	•••	K j	

• Velocity of wind in miles per hour.

Fanindra Mohan Babu, Head Clerk, in charge of the Meteorological Office, Bangal and the second of the second o

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 7th January 1877.

		eter.	THE	BNOM	TEB.			dew-	hamidity.	Wn	ID.	·			· · · · · · · · · · · · · · · · · · ·
Month.	Date.	Mean reduced barometer.	Highest reading.	Lowest reading.	Max. solar radia-	Mean dry bulb.	Mean wet bulb.	Computed mean point.	Mean degree of hum	Prevailing direction.	Max. pressure.	Daily velocity.	Raio.	Moon's phases.	Greenal Remarks.
		Inches.	0	0	0	0	0	0		•	Th.	Miles.	In.		
Jan.	lst	30.068	750	57:5	123.0	65·2	69-1	64°0	0-63	NNW&S	٠,.	121.2	•••		Clear and cirri.
	2nd	-075	70-8	58 5	127-8	c0.8	0 0-8	56-2	-71	NANNK	•••	112.0			Clear. Foggy at 9 P.M.
	3rd	.083	77.0	5 '5	1 23 ·0	60.8	61.1	60.5	-71	S&S by W		49.0	•••		Clear.
	4th	•088	77.0	28.8	158.0	60-0	60-0	5G·3	71	SbyE&SS	•••	C8-4			Clear and cirrocumuli.
	5th	*095	76.0	60.2	127'5	66 8	00.0	5-1-2	.40	ing W&W		43.6	•••		Clear and cumuli. Slightly foggy from
	Gth	•115	76-6	6D.O	153.0	66.9	an-a	55°C	-69	WSW&A by K		82.0	•••	Œ	S to 11 p.m. Clear. Foggy at mid- night.
	7th	.110	78.7	61.4	127-8	60	61.8	50 ·1	-65	N by K & N	•••	71.3			Chiefly clour.

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days		(4 21·2
The maximum temperature during the past seven days	•••	78.7
The maximum temperature during the corresponding period of the past year	•••	77.5
The mean humidity during the past seven day-	•••	0.69
The mean humidity during the corresponding period of the past year		0.70
		Inches.
The total fall of rain from 1st to 7th \{ by lower rain-gauge by anemometer gauge	•••	Nil Nil
Ditto ditto ditto, average of twenty-three previous years	•••	0.04
Ditto ditto between the 1st and 7th January	•••	Nil
	•••	
Ditto duto atto, average of twenty-three previous years	•••	0.01

The 8th January 1877.

GOPERNAUTH SEN.
In charge of the Observatory.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 23rd December 1876, on 1,279\forall miles open.

		COACMEN	TRA	77 10.	MERCHANDI	ed and Minneal Travito.	1	TRAI	r Miles Du	¥.
	No. of position- gers.	Cod	neblug	receipts.	Weight carried.	TOTAL TRAFFIC RECEIPTS.		Coach- ing.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lotal.
		Ra.	A. P.	8 2.0	Mds. Srs.	B. A. P. 2 4 6	Re. A. P.	i		
T stal tradic for the week Or per - mile of	118,347				. 18,46,256 30	5,79,206 14 6 58,698 19	7 -,,	!	105,660	100, 517)
rživar Por proviona 34 waka of	•••••	202	16 1	23 3	*****	. 452 9 6 41 9 9	705 7 7		******	90¢ = 00
	2,740,105}	38;34,465	15 1	850,576 0 1	8,22,94,007 10	99,80,884 19 8 905,748 8	1,57,05,200 11 6	1,007,040}	1,000,000} 2,0	73,000
Trital for 25 weeks	2,007,450	41,48,086	15 8	380,541 6	L 2,36,42,364 0	1,04,60,041 10 9, 856,957 3	 1,46,06,1 26	1,124,114	1,912,3524 3,0	actus.
U-IMPARISON.										
rotal for corre- ap ond in g week of pre- vious year Per mile of	118,044	3, 15, 807	18 8	19,782 7	10,02,180 0	8,61,969 14 4 88,180 11 ·	5,77,977 11 6	. 46,184)	72,400) 1	19,005
ratiway, cor- respending week of pre- yous year		166	10 2	.16. 9		900 13 6 90 18 1	461 7 8			
Total to corre-	*****	A 400		, L	•10100			•••••	-14403	64 - 644
date of pre- vious year	2,789,518}	60,18,320	10 4	366,346 1	1,70,62,840 10	77,74,894 4 5 712,646 7 1	0 1,17, 92,6 66 16 9	1,106,506	1,206,730} 2,1	100,226

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic; for speek ended 23rd December 1878, on 2233 miles open.

			•	1				1	1	1		
Total traffic for		Ra.	A. P.	2	s. d.	Mds. Srs.	Rs. A. P.		Ra. A. P.			
the week Or per mile of	8,196)	44,008	150	4,055	15 4	1,67,665 90	48,170 15 0	8,866 4 5	96,180 9 6	6,006)	15,100 <u>è</u>	18,100
For previous 24		196	10 8	18	0 7	******	100 8 0	17 5 7	865 1 8			*****
weeks of half-	130,222}	4,84,861	15 9	41,005	8 8	25,66,195 20	6,61,943 19 8	60,678 3 7	11,16,475 13 4	117,447	100,050{	206,306
Total for \$5	147,419	4,90,536	10 8	45,000	•	27,31,220 20	7,04,120 11 8	64,544 8 0	12,02,656 5 6	123,543	180,901	304,505
Comparison.				-								
Total for corresponding week of provious year Per mile of railway, cor- responding	6 ,39 7	26,736	10 8	2.40	18 10	85,790 0	20,716 10 2	1,999 0 6	47,443 4 5	5,145 <u>‡</u>	5,273	10,418 ફ
week of pre- vious year Total to corre- sponding	******	119	7 2	10	19 .0	******	91 9 5	8 9 9	212 0 7	190110		001111
date of pre- vious year	116,1 6 0)	3,60,107	15 8	88,834	18 0	11,94,194 10	8,48,511 18 5	31,470 5 0	7,12,419 15 1	112,991}	81,106	194,096

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for last eight days of December 1876, on 1,279? miles open.

		Ba.	A. P.		s. d.	Mds. Srs.	Ra. A. P.	2 a.d.	. Rs. A. P.		1
Total traffic for the 8 days	128,275	2,85,043		26,125		18,49,891 20	5,94,894 11 8	54,832 0 3	8,79,896 1 6	56,679 1,23,4	75 183,154
Or per mile of mile of milway For previous	*****	223	11 8	20	8 8	*****	464 18 7	42 13 8	· 657 8 10		
25) weeks of half-year	2,867,450	41,48,086	15 8	880,541	6 1	9,96,44,954 0	1,04,60,041 10 9	966,637 8 1	1,46,08,128 10 5	11,24,114	30,36,4471
Total for 369 Tooks	3,906,725	44,55,000	B 11	406,886	13 6	2,51,91,655 20	1,10,54,836 6 0	10,15,500 5 4	1,54,84,036 11 11	11,80,780 20,87,6	072 32,18,601 à
Gomparisof.						-					•
Theal for cor- zes ponding édays of pre- vious year Per mile of rail- way, corre- a p o n d i n g	· 96,894	1,84,978		16,966	6 7	8,59,611 20	8,10,259 14 6	88,440 9 10	4,96,936 0 8	39,567 63,10	1,01,687
period of pre- views year i Total to corre- sponding date	•••••	- 144		13	. •	******	348 7 c	m 4 6	206 15 8	******	
of bisalons	3,000,400	42,08,398	18 6	205,200	7 •	1,86,81,851 80	00,54,864 S 21	7,41,006 17 8	1,00,07,000 15 5	1,140,0001 14,00,0	20,04913

EAST INDIAN RAILWAY—JUBBULPORE LINE. Approximate Return of Traffic for tast eight days of December 1876, on 2281 miles open.

		COACHING THAT	F7 1C.	Merchaydi	m ayd Miveral Tra		1	AIF MILES	RUY.
	No. of passon- gers.	Coaching receipts. Weight entried. Receipts.		io	Kerths.	Total.			
		ka. A. P.	£ 1. d.	Mds. Sre.	Ra. A. P.	s. d. Bs. A.	P.	1	
Total traffic for the 8 days Or per mile of railway For previous	8,200	23,980 9 3 196 15 \$	9,198 12 9 9 16 1	1, 66,94 0 10			8 4,267	11,054	16,501}
25) weeks of half-year	147,419	4,98,535 10 3	45,699 2 0	27,23,330 20	7,04,120 11 8 64,546	8 0 12,02,036 8	6 1,23,548	1,80,968	3,04,5054
Total for 12‡ weeks	155,619	5,22,406 5 6	47,495 14 9	29,00,149 80	7,47,535 9 8 68,551	11 11 12,70,801 1	3 9 1,28,910	1,91,986	8,90,896 ₁
Comparison.							•		
Total for correspond in g 6 days of previous year Per mile of railway correspond in g	5,483}	22,905 8 9	2,000 19 0	78,534 O	17,757 1 10 1,627	14 9 40,665 10	7 4,410	4,530	b,980
period of pre- vious year Total to corre- sponding date	******	108 6 3	978	******	79 5 9 7	5 6 181 11	n		 .
of previous	121,644	3,93,016 8 5	55,934 17 0	12,67,658 10	3,61,005 15 8 53,097	19 9 7,55,68 5 7	8 1,17,401	85,625	2,03,026}

NALHATI STATE RAILWAY. Approximate Keturn of Traffic for week ended 23rd December 1876, on 271 miles open

!	C	Coaching Trappic.				Merchandise and Mineral Trappic.				
	Number of passengers.				Weight carried.	Receipts.	receipts.			
	!	Re.	A. P.	£ s. d.	Mds. Srs.	Ra. A. P. & s.	d. 2 e.			
total traffic for the week	1,965	961	0 0	98 2 0	18,119 0	787 0 0 78 14	0 176 16			
or per mile of railway	72	86	0 0	3 12 0	451 0	29 0 0 2 18	0 6 10			
for previous 25 weeks of half-year	41,392	20,758	0 0	2,075 16 0	1,01,718 0	9,514 0 0 951 6	0 3,027 4			
Total for 26 weeks	48,847	21,789	0 0	2,178 18 0	1,14,832 0	10,501 0 0 1,030 1	0 8,304 0			
COMPARISON.	-									
Total for corresponding week of previous year	1,958	1,145	0 5	114 10 10	7,235 35	693 Ú 3 LÚ 6	0 178 16			
er mile of railway, corresponding week of previous year	72	43	0 6	441	205 17	91 12 2 2 5	6 6 7			
otal to corresponding date of pre- vious year	0.000	22,010	6 8	3,204 18 9	1,44,928 5	32,049 11 0 1,304 19	4 3,409 1R			

NALHATI STATE RAILWAY. Approximate Return of Traffic for the last eight days of December 1876, on 271 miles open.

							
		Rs. A. P.	£. s.d.	Mds. Srs.	Rs. A. P.	E. e. d.	K. s. d.
Total traffic for the last 8 days	2,144	1,070 0 0	107 0 0	16,708 0	1,038 0 0	103 6 0	210 6 6
Or per mile of railway	79	39 0 6	8 18 0	613 0	38 0 0	3 16 0	7 14 0
For previous 26 weeks of half-year	43,347	21,739 0 0	2,173 16 0	1,14,838 0	10,301 0 0	1,030 1 0	8,304 0 0
Total for 26 weeks & 1 day	45,491	23,800 0 0	2,280 18 0	1,81,655 0	11,834 0 0	1,183 # 0	8,414 6 0
Comparison.							
Total for corresponding last 6 days of previous year	1,677	961 15 4	96 3 7	6,199 25	506 4 9	30 16 7	149 0 2
hat 6 days of previous year		36 0 5	8 18 1	227 20	18 10 5	1 17 3	5 2 4
Total to corresponding date of previous year	38,384)	23,651 \$ 7	2,305 1 4	1,51,128 30	12,567 15 9	1,855 18 11	2,556 18 8

RASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 28rd Docember 1876, on 1582 miles open.

		Poagring Tray	716.	MERCHAND	Total receipts.			
	Number of presenuers.				Weight carried. Receipts.			
		Ba. A. P.	& s. d.	Mda. Brs.	Ra. A. P. & c. c			
Total traffic for the week	81,446 <u>}</u>	23,478 4 6	2,000 10 E	172,987 5	\$8,270 15 6 3,008 3 8	5,509 13 7		
Or per mile of railway	199	140 0 8	15 0 5	1,093 88	261 15 5 22 3 4	25 2 9		
For previous 24 weeks of half-year	794,777	4,99,510 0 9	45,815 18 3	42,96,110 20	12,33,469 3 5 113,067 19 6	156,863 17 9		
Total for 25 weeks	889,295	5,21,288 5 3	47,976 8 5	44,59,047 25	12,71,740 2 11 116,576 2 11	164,453 11 4		
Comparison.								
Total for corresponding week of previous year Per mile of railway, corresponding	\$6,990	·88,442 6 8	8,523 17 9	1,87,045 23	30,020 8 8 2,782 14 1	6.376 11 11		
week of previous year Total to corresponding data of	360	242 14 9	23 5 5	846 0	189 15 5 17 7 10	39 13 8		
bleajors leet	841,402	8,89,901 14 8	40,335 5 6	39,24,603 36	9,88,083 15 6 88,991 0 7	135,336 4 1		

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 30th December 1876, on 1581 miles open.

Total traffic for the week Or per mile of railway	84,920 238	Rs. A. P. 24,189 10 9 102 10 8	£ e. d. 2,214 13 9 18 19 11	Mds. Srs. Es. A. 1,83,011 25 48,718 14 1 1,158 10 307 18	0 4,465 18 0	6,65 0 10 0
For previous 25 weeks of half-year	828,225	5,22,288 5 3	47,876 8 5	44,50,047 25 12,71,740 2 1	1 116,576 2 11	164,482 11 4
Total for 26 weeks Comparison.	865,148	5,40,448 0 0	50,001 1 2	46,42,659 11 13,20,450 1	9 131,042 0 11	171,138 2 1
Total for corresponding week of previous year	30,009 190 871,471 j	25,548 9 0 161 7 1 5,63,750 7 2	2,341 19 0 14 16 0 51,677 2 6	1,27,986 7 33,843 8 808 30 211 15 40,52,880 3 9,71,627 4	5 19 8 7	8,416 L5 2 34 4 7 140,742 19 3

CALCUTTA AND SOUTH-EASTERN STATE BAILWAY.

Approximate Return of Traffic for week ended 23rd December 1876, on 28 miles open.

		Rs. A. P.	2 s. d.	Mds. Srs.	Re. A. P.	E e. d.	£ s. d.
Total traffic for the week	9,067	1,536 0 0	183 12 0	14,702 0	450 0 0	46 12 0	140 4 0
Or per mile of railway	345	47 8 0	4 15 0	5 5 % 0	16 8 0	1130	6 8 0
For previous 25 weeks of half-year	215,621	29,122 0 0	2,912 4 0	3,50,848 0	9,875 0 0	987 4 0	3,800 8 0
Total for 26 weeks	\$25,488	30,458 0 0	3,045 16 0	3,35,640 0	10,388 0 0	1,083 16 0	4,079 12 0
Comparison.							
Total for corresponding week of previous yest Per mile of milway, corresponding	12,577	1,684 1 9	166 8 3	17,496 0	545 5 G	54 4 9	222 13 0
week of previous year	440	60 3 4	608	634 54	19 5 11	1 15 9	7 19 0
Total to corresponding date of previous year	227,763	24,090 3 0	2,860 0 5	3,97,894 28	13,547 7 0	1,234 15 0	4,195 lb s

No. 3 of 1877

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 17, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupecs per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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CIRCUL'AR REGARDING THE EXTENSION OF PRIMARY EDUCATION.

GENERAL DEPARTMENT.-EDUCATION.-No. 1.

Culcutta, the 15th January 1877.

From-H. J. REYNOLDS, Esq., Officiating Secretary to the Government of Bengal. To-All Magistrates and Deputy Commissioners.

I AM directed to request your attention to the remarks made in the Educational Resolution (published in the Calcutta Gazette of the 6th December last) on the successful results attained in Midnapore in bringing children, and especially the children of the poorer classes, to attend school. In the 5th paragraph of the Resolution it was observed—

"It is hardly too much to say that, if every district officer in all these provinces could do as much for education as is done by the district officer of Midnapore, the total of 800,000 children would not only be reached, but would be greatly exceeded. An example like this convinces the Lieutenant-Governor that he is not demanding the impossible when he calls upon all officers to go on augmenting year by year the area of education."

And again, in the 9th paragraph of the Resolution—

"The fact that nearly 50,000 children-one-tenth of the whole number returned for Bengal—are known to be at school in the single district of Midnapore, shows what may be done by energetic and judicious management on the part of the district authorities."

- 2. The annexed tabular statement shows the population of each district, the number of children known to be at school, and the number which would be at school if the Midnapore standard were reached every where. It will be seen that the district of the 24-Pergunnahs stands at the head of the list with 21.2 children at school for every thousand of the population. But the circumstances of this district, which includes the suburbs of Calcutta, are of an exceptional character, and a Magistrate in the interior might reasonably urge that results which are attainable without much difficulty in the 24-Pergunnahs are beyond the reach of officers who have to deal with a village population.
- 3. No such plea, however, can be advanced when the comparison is made with the district of Midnapore, a district which enjoys no special advantages in respect of wealth, intelligence, or vicinity to the metropolis. The Lieutenant-Governor therefore desires to call special attention to the fact that, while Midnapore contains as nearly as possible one-twenty-fifth of the population of the Lower Provinces, the number of children on the rolls of its schools amounts to one-tenth of the whole number known to be at school throughout the country. If the standard of Midnapore were generally reached, the number of children at school would rise at once from half a million to a million and a quarter. In the Patna Division alone nearly 200,000 children would be added to the number at present under instruction.
- 4. In connection with this subject, there are three considerations which the Lieutenant-Governor wishes to commend to the notice of officers in charge of districts. In the first place, although Midnapore compares so favourably with other mofussil districts, it is not to be supposed that even in Midnapore the proportion of children at school is by any means large. It is estimated that in every thousand of the population there are 166 children of a school-going age; and even in Midnapore less than 20 of these are known to be at school. As far as our returns supply information, at least seven children out of eight are growing up untaught, even in the district in which education is more general than in any other district of Bengal. This is sufficient to show that, even if every district in Bengal could at once be raised to the Midnapore standard, only a small portion of the field would have been covered. This standard, therefore, must be looked upon not as a final goal, but as a first stage; not as a point at which further exertion may be suspended, but as a landmark indicating a degree of partial success which has been attained in one district, and can therefore probably be attained in others.
- 5. Secondly, it is to be observed that the measure of success which has been achieved in Midnapore is due, not to any general diffusion of higher education, but to the judicious organization of the primary schools of the district. In leaving these schools under the control of the District Magistrates, the Government has placed in the hands of those officers an important charge and a weighty responsibility. The primary school, an institution indigenous to this country, strong in the associations of antiquity and in the support derived from national sentiment, is the most powerful engine at the disposal of Government for influencing and elevating the great body of the people. The Lieutenant-Governor thankfully acknowledges the valuable co-operation which the officers of the department of education have given in inspecting and improving these schools; but the success of the schools must mainly depend upon the exertions of the District Magistrates, and of the committees by whom they are advised and assisted.
- 6. Thirdly, it is important to remark that the development of popular education in Midnapore has been conducted without involving any great burden upon the funds of the State. During the past year the total annual cost to Government of each Midnapore patshala was less than Rs. 9; whereas the average cost of such patshalas throughout the country amounted to Rs. 27-6. There are now in Midnapore 2,275 primary schools, with 43,926 pupils, under the system organized by Mr. Harrison. The annual cost of these schools to tovernment is about Rs. 20,000, and the expenditure on each pupil is 7½ annas per year. If the whole of the Government grant for primary education could be administered with equal economy, the number of children at school

might be more than doubled, without the necessity for any increased contribution from the State. The importance of this consideration is apparent when it is remembered that it is not in the power of the Government to spend upon education much more than it spends at present.

7. The Lieutenant-Governor now desires carnestly to appeal to all district officers to use their utmost exertions, first, to increase the number of primary schools and scholars in their respective districts; and secondly, to see that the primary school grant is administered in such a way as to produce the best and largest results. He is sensible that many Magistrates do already devote much time and attention to this important department of their duties. He has noticed with much satisfaction the progress of popular education, which has been shown in the official returns of several years past. But he is not sure that all district officers have fully understood either how much still remains to be done, or what greatly improved results might be attained with the means already at their disposal. On the former of these points it is sufficient to say that if for every child now at school in these provinces there were twenty under instruction, we should still fall somewhat short of the total number of children of an age to go to school. On the latter point the Lieutenant-Governor desires to hold out the example

fall somewhat short of the total number of children of an age to go to school. On the latter point the Lieutenant-Governor desires to hold out the example of Midnapore as an instance of judicious and economical administration, the success of which is due to the energy and organizing power of the Magistrate, and to the establishment of a system which is worked through and with the people themselves, and which ensures the attainment of a direct and tangible result for all Government money expended.

	1		1	2	3	•	6	6
Name	Name of district.		Population.		Number of child- ren at school.	Number at school per thousand of population.	Number which would be at school if the Midnapore average were reached.	Difference between columns 3 and 5.
4- l'ergunnale]	2.210.047	47.000	21-2	43,256	i
didnapore	• •••		1	2.54().003	49,733	19-6	49,733	
iankoorah	***	•••	i	536.772	10.118	10.9	10.310	199
Vuddea		•••	!	1.812.795	28,890	1579	35.431	6.5K;
Seerbhoom		•••	1	(445,921	10,839	15:6	13,091	2,7R¥
looghly with	How	rah	1	1.488.656	21.0-3	145	29,131	7,531
lurdwan				2,034,745	27,105	13.3	39,625	12 660
HIPPOTO			1	2,075,031	26,242	12.6	4,613	14.371
Jucen		•••	1	1,52,943	21,214	11.4	માણ્યા	15,064
loorshedabad	•••			1,353,626	14,674	10.8	20,494	11, 30
ingbhoom	•••]	415.028	4.467	107	8,1:3	3, 6 66
			;	94,712	194	1075	1,853	678
ackergunge				1.714.390	10,020	9.7	83,88	16,626
hittagon			1	1.008.422	N.4492	K-9	19,098	11,236
u junu	•••		1	1.211.544	9,005	71)	23,714	14, 40
Salazore				770::32	0.118	7-9	15,075	8,97
ulpigorer	•			418,066	3.203	7.7	8,194	4,931
lajshahye		•••		1.310.7:9	10 051	7.0	25,654	15,608
ivoerah				1,419,229	10,468	7.8	27,777	17,319
urreedpore				1.675,632	12,173	7 2	39.796	20,428
Manbhoom			[995,570	7.197	7.1	19,491	12,804
htna	•••			1,550,038	11,077	7	30,526	19,449
loukholly	•••			1140, 16	6,610	6-6	18,5×6	11,946
Maldah		'	1	676,426	4,3 8	6.4	13,239	8,481
'uttack		•••		1.434.784	9,404	64	29,266	19,062
obarduega		•••		1,237,123	7,666	6-2	24.213	16,647
iazarcobasch	•••			771,875	4,833	6-9	18,107	10,274
hahabad	•••		1	1.723.074	10,195	59	34,741	' 23,556
'nare				709.074	4.381	6.7	16.061	10,0~0
d suitensing h		•••	i	9,349,917	13, 64	6.7	45,993	, 32,439
74		•••	1	1.9 (0.750	10,528	6.4	88.141	27,638
BORTH.			•••	660.167	3,005	63	! 13, 49 4	9,799
ungpure		•••		2.140.072	11,030	6.1	42,080	30,990
Longhyr				1.812.086	299 8	4.0	85,484	20,503
outhal Pergu	unahi	ı	(1.2.9.287	5.077	4.7	24,647	18,670
urnenh				1.714.795	7,955	4.6	83,549	25,007
arun	•••	•••		2,(M13,B(i(i)	9,293	4.4	40,895	31,102
hagulpore	•••	•••		1,526,290	7,821	4	35,745	27,024
humparun			[1,440,818	5,604	3.0	28,200	22,606
эпадерите		•••		1,501,024	อี _ก กับกั	37	29,397	23,872
losufferme				2.188.33	7.950	3.6	42,839	34,882
Durbh unge	***		(2,198,324	: 6,387	2.8	49,000	36,651

RESOLUTION REGARDING THE TEXT-BOOKS FOR THE VERNACULAR SCHOLARSHIP AND MINOR SCHOLARSHIP COURSE.

GENERAL DEPARTMENT.—EDUCATION. Calcutta, the 11th January 1877.

READ again-

This Government Resolution No. 2993, dated the 4th October 1875, on the subject of text-books for the Vernacular and Minor Scholarship course.

Read also-

A letter from the Director of Public Instruction, No. 5921, dated the 23rd December 1876, submitting, for the approval of the Government, a supplementary list of text-books for the same course.

l'aragraph 6 of the Resolution quoted above contained the following remarks:—

- "In conclusion, the Lieutenant-Governor desires to express a hope that the Central Committee will not consider their functions as having terminated with the submission of the present report; but that they will continue to favor the Government with their recommendations for the inclusion in the selected list of such new text-books as may appear to them to possess sufficient merit."
- 2. The list now submitted by the Director of Public Instruction, and appended to this Resolution, has been framed by the Central Committee. The Lieutenant-Governor desires that the works recommended by them be added to the list of text-books already selected by this Government Resolution of the 4th October 1875.

By order of the Licutenant-Governor of Bengal, II. J. REYNOLDS, Offg. Secy. to the Goot. of Bengal.

Supplementary list of Text-books for the Pernacular and Minor Scholarship Course.

	Name of book.	Author's name,	Publisher's name and address.	Language.
-	History.	· · · · · · · · · · · · · · · · · · ·	.	
1.	An easy introduction to the history of Iudia.	E. Lethbridge, w.A., translated by Baboo Itadbica Prasanna Mookerjee.	Thacker, Spink & Co	Hengali.
	Geograpky.			<u>.</u>
1.	Geography of the provinces under the Lieutenaut-Gover- nor of Rengal.	Babos Dina Nath Sen	K. K. Chakravarti, Valmiki Press, 55, Amherst Street, Calcutta.	Ditto.
¥.	Bhugal Sar	Babeo Udoy Kristo Dutt, G. P. Roy and Co., No. 21. How Hazar Street, Lall Bazar.	Ditto ditto	Ditto.
	Botany.	200 21, 100 1 2100, 2111 2211		
1.	Elements of botany in Bengali (new and illustrated edition).	Baboo Jaduuath Mookerjea, L.M »	N. N. Ghosh, Chikitshaprakas Press, Chinsurah.	Ditto.
2.	Dr. Watt's botany (Bengali translation).	George Watt, M.B., C.M., F.I.S., Professor, Hooghly College.		Iritto.
	Geometry and Mensuration.	! !		i
1.	Elements of mensuration of plane surfaces.	Baboo Nrisingha Chandra Muokerjee, M.A., n.T., at the New School Book Press, Calcutta.	Author	Intto.
2.	Mensuration for beginners translated into Bengali.		Thacker, Spink & Co	Ditto.
3.		Putta's Educational Sciences		Ditto.
	Arithmetic.		 -	
1.	Patigonita	Kally Prasanna Ganguly	Sanscrit Press	Ditto.
_			:	

DISTRICT ROAD FUND.

No. 8.

The 15th January 1876.

Notification.—The following extract from the Proceedings of the Lieutenant-Governor of Bengal, relative to the accounts of the receipts and expenditure of the District Boad Fund for the fourth quarter of the cess year 1875-76, is published for general information:—

No. 11A.

Extract from the Proceedings of the Hon'ble the Lieutenant-Governor of Bengal in the Public Works Department (Local,—Accounts,) under date the 10th Junuary 1877.

READ-

Memorandum from the Examiner of Public Works Accounts, in Bengal, No. 695D, of 22nd ultimo, submitting an abstract of the receipts and expenditure of the several District Road Committees for the quarter ending 30th September 1876.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the District Road Fund for the fourth quarter of the cess year 1875-76 be published in the Calculla Gazette and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the Calcutta Gazette.

Ordered that a copy of this Resolution, as well as the abstract referred to, be forwarded to the Financial Department of this Government for information. Also that copies of each be forwarded to all Commissioners of Divisions, to all Superintending Engineers of Circles in Bengal, to the Accountant-General of Bengal, and to the Examiner of Public Works Accounts in Bengal, for information.

By order of the Lieutenant-Governor of Bengal,

J. E. T. NICOLLS, Col., R. E.,

Secretary to the Goot, of Bengal in the P. W. Dept.

DISTRIC

Abstract of Receipts and Expenditure of the seven

ending 3(

W	fuly 1876.	,	Ræv	EVUR UVD	RR ROAD CRE	leviable an under r. Road	R E			
NAMES OF DISTRICTS.	Balance on 1st July 1876.		Cess on lands.	Cess on mines	Cens on house.	Fines.	Total.	Rad cess le otherwise than the District Cess Act.	Road Tolls.	Ferry Tolls.
	Ra.	A. P.	Rs. A. P.	Re. A.P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	ke.
Burdwan	49,404	15 7	11,014 5 8	4,293 19 1	1,885 10 6	1		4 0 8	1,806 5 8	6,604
Bankoora Beerbhoom	19,240 84,429	15 6 5 10	3,708 5 1 14,538 6 0		1,411 12 0 1,030 8 0		5,118 1 1 15,603 14 (33 9 5	472 0 0 1.824 11 3	302
Midnapore	352	1 2	12,000		1,030 6 0	873 15 9		655 8 4	1.437 0 0	1,706
Hooghly	13,923	10 3	13,313 14 6	()	6,446 8 2		19,800 6 8	62 13 7		1,388
34-Pergunnaha	66,086	2 6 3 11	21,153 9 8 19,528 8 3		8,590 0 0			0 5 4		3,422
Nuddea Jessore	10,121 48,900		19.528 8 3 24,769 4 9		3,4/2 5 8 1,718 0 0		22,938 9 6 30,482 4 9	11 6 3 16 1 0		3.786 1,863
Moorshedabad	28,066	14 2	18,526 0 2		869 6 6		10.305 6 8	117 11 9		2,772
Dinagepore	35,114	8 10	92,138 15 8		1,450 8 0		23,508 7 8	31 13 0		1,956
Maldah	22,192	4 1 6 7	8,325 1 3		1,388 3 0		9,713 4 3			2,183
Rajshahye Rungpore	1,31,190 46,845	8 7 0 7	9,505 9 1		1,438 1 6	1.3:4 4 8	10,943 10 7 1,934 4 8	6 15 P. 79 3 U		2,671 4,123
Rungpore Bogra	25,403	2 9	0,535 13 10		1,175 0 0			381 15 0		2,438
Pubna	2,081	13 1				· · · · · ·	1	93 0 0	,	242
Julpigores	1,861	1 9		i	579 12 G					277
Dacca	81,443 62,144	0 6			3,413 3 0	1	17,879 1 10	36 19 1	••• •••	3,120
Furcedpore	1,414	3 10		1	1,141 11 0	1.505 g 2	11,049 10 2	318 7 2 151 U 6		180 603
Mymensingh	-4,221	ð g			4.116 3 3		37,781 3 5	3 11 0		1,168
Tipperah	42,504	1 9		l .	396 4 0		19,425 0 1	1,892 11 10		614
Chittageng	2.014			i		1,089 11 6		57 5 10		2,478
Nonkholly Patna	538 21,071		•••••		•••••	71 13 0	!1	271 11 0 137 6 8		1,725 1948
fatha	1.542		****		•••			31 3	1.226 16 0	40
Shahabad	18,379	2 11			*****	-3,317 4 10	-3,341 4 10	1,326 1 0		2.066
Mozusferpore	1,10,770							27 13 1		9,475
Durbhanga	16,519 4,568					619 4 2	019 4 2	96 5 1		4,560
Sarun Chumparun	90,863	3 8	3,922 6 11		340 19 0		4.163 2 11	0 1 6	233 5 4	17,776 9.087
Monghyr	43,466		24.815 9 3		1.014 10 0		25,7:0 8 3		772 14 8	3,463
Bhagulpore		10 11	8,315 10 U		490 8 1		H,800 2 1	1 12 0		6,610
Purnealı	77,060				1,023 0 0		25,155 2 9	5 5 6		_87
Cuttack Pooree	17,088		4,048 0 8 306 3 1	li	552 8 0	i l	4,505 8 8 307 11 1			600
Balasore	6,032	7 5	306 3 1 1,424 6 9		1 8 0		307 11 1 1.535 7 0			151
Hazarechagh	18,827		8,141 6 4	353 10 0	298 5 9			259 1 8		
Lohardugga	5,358	3 8	• •••••	· '		90 12 0				
Manbhoom	8,640	14 11	12,178 8 4	118 7 0	1,042 8 0	180	13,335 10 4			409
Total	12,33,173	6 5	3,47.310 1 8	4,760 13 1	41,256 13 3	3,150 6 7	3,96,477 1 7	5,99× 5 Ju	14,634 4 6	, 8.635
Darjeeling	19,217	5 N	****						:	126
Chittagong Hill	1									
Tracts	10,202	12 5	••	I i				•••	·············	
Sonthal Pergun-	1,06,207	B 10	,	· ,			1			
Singbhoom	1,830						••••	· · ·		*** **
Total	1,37,488	8 10		i						190
rand Total	13.70.001		3,47,310 1 8	4,750 13 1	41,256 12 3		3,96,477 1 7	5,095 6 10	14.631 4 67	.08.761

Of the total expenditure on Works and Renairs, or Rs 6,29,357-13-

ROAD FUND.

District (Road) Committees for the 4th Quarter of the Cess Year 1875-76, September 1876.

Colle.			from	ce and	190					including		8.	
River or Canal Tolls.	Total.		Grants-in-aid Provincial R Fund.	Sales of Produce	Fines and Refunds		Miscellaneous.	_	Total Receipts.	Total, incl balance.	Outley.	Balance on 30th September 1876.	•
Rs. A. P.	Ra.	۱. P.	Ra. A.	P. Re. A. 1	P. Ra.	A. P	Rs. A.	P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Ra.	A.
		9 6				8 (0	95,9 2 0 8 0	75,325 2 7		15.275	15
		0 0 8 8		64 8 13 2	0		88 N	0	6,775 4 8	18,025 3 6			
	2,317 3,2:3 1			19 9	۳		18 8 74 3		17,986 11 3 4,707 10 4	52,366 1 1 5,059 11 6		23,715 9,176	1 11
750 0 0	4,150	1 0	•••••	4 15	0		33 11	ň	24,350 16 8	38,274 9 6		1,724	
	6,373	0 6	*****	192 4	6		1,5(4) ()		33,140 4 6	88,175 7 0	09,183 6 7	18,993	0
	4,520 1	0 3 0 3	•••••	2 8	3		189 5		27,671 7 4	87,792 11 3		-14,158	
		5 H		2 4	0 81		270 A 33 1			81,323 5 10 60,100 13 5		31,949 15,926	
		ŏ ö.			19,506		185 4			73,301 1 0	8,077 0 1	10,520	
	2,16.	O Q	••••	8 8		0 (19 0	U	11,976 19 9	31,100 O 10	9,442 5 2	24,326	11
	2,671	9 N		! :		·-	2,051 0	2	15,672 13 2	1,46,863 3 9		87.413	
******		۱۰ 9 2 3	i	1 3		5 (87 O	0	5,337 13 8 13,640 6 6	51,083 7 2 30,083 0 3		46,108	
	243	2 0			25					30,043 0 3 2,445 8 1		21,356 145	10 1
	277	0 0		7	9-1.426	6 10			11,098 5 1	13,059 6 10	1,589 3 ()	8,490	
		1 6		11 0		0 0	207 6		21.427 6 11	1,02,870 6 4	46,832 12 ().	56,037	10
•••••		7 6 2 0		•	10 1			10		74,456 9 8		64,384	
•••••		5 4	•••••		7 8				11,518 5 5 89,301 3 3;	12,902 9 3 35.482 14 1		2,603 6,902	
		o o.		10 0	e		258 13	3	22,464 15 2	61.949 0 11		33,687	
2,008 4 0	4,480 1		•••	18 6	9				5,651 2 10	7,666 1 1	25,425 13	—17,75 0	13
*****		0 0				••	3 6	O	2,278 13 0	2,×1± 10 7		1,780	
•••••	8,642 1 1.273 I		•	34 13 6 6	6 127 1		1,846 H	익	10.661 8 8	31,733 2 9 3,04 2 3		22,260	
•••		3 4	•••••		1 58			ol	1,441 5 O	3,0423 18,669810		1,117 2,83 7	
	9,175 1		*** **	114 8	0 01			ŭ	11,503 8 0	1,22,273 7 11			
*****	4,560 1	1 3	•• ••	2 2	4		106 8	o	5.385 1 6	21,897 12 0	11,951 2 4	9,948	y
		6 9,	*****	16 0		7 10		y	18,126 8 4	13,564 4 8	11,064 1 3	2.501	
		6 1; 0 2;	*** *	379 1 83 10	6 3 21		3 6	ا،	13,6±9 10 6 30,017 5 2	1,03,993 1 10 78,681 3 4		12,772 40,616	
******	0,510]			00 10	.al 23	2 (77 0	•	30,017 6 2 15,495 10 1	97,:11 6 0		78,668	
		3 0			u 23 i	3 (Ï	25,5(4) 0 3	1,02.626 11 3		85,223	
	600 1	3 3		5 15	oi		24 14	10,	5,281 3 9	22,320 1 6		8,173	
		0 5	•••	05.10		0 0		H	285 3 9	19,016 8 6		14.385	
		0 5	•••		() ¹	••	108 8	(rj	1,821 12 6 9,518 15 6	6,854 3 10 28,370 9 6			
		Ì	•••••	1	"!		!	- !	90 12 0	6,118 14 0			
	400	0 0	•••••				194 0	이	13,038 10 4	23 579 9 8		17,630	
2.758 4 O	1,20, 27 1	5 i):		1,051 9	io,li,00× 1	1 0	27,178 3	11	5.09,814 15 7	18,02.518 6 0	8,21.199 14 4	9.81,318	7
	120	;	11,010 0	o ⁱ 16 7	0, 99		P 557 WB N	- 5	33,250 7 11	52,306 13 7	24,825 11 4	27,681	2
*****	,,,,,	۱, ۱	12,000	i	!		i	٦	inigation (I (10,202 12 5	!	6.100	
	•••	:	*****	i			. 940 0	!		- •	1	99,136	
			*** ***		177	9 0	369 9	**	369 9 11	1,09.577 2 9 1,832 9 11		387	
•••••	126		11,010 0	0 16 7	0 100	4 (22,378 2	 4	88,030 13 10	1.71,119 6 8	37,793 0 10	1,33,326	5
											·		

the portion incurred through the Public Works Department was Rs. 39,333-9-1

DISTRICT

Abstract of Receipts and Expenditure of the several

ending 80th

NAMES OF		TION OF REVI			ORIGINAL W	Rupaire			
NAMES OF	Establish- ment.	Contingen- cies.	Total.	limds and Bridges.	River and Canni Works,	Ferries.	Totai.	Roads and Bridges.	River and Canal Works.
	Ra, A. P.	Rs. A. P.	Rs. A .P.	Rs. A. P.	Rr. A. P.	Rs. A. P.	Ra. A. P.	Rs., A. P.	Re. A. P.
(Burdwan	2,774 8 11		3,282 11 6	7.229 10 3	•••••		7,229 10 3	45,079 14 10	******
Bankoora	461 3 9		697 '9 O	2,339 12 6	1		2,330 12 G	6,615 & 9	*** ***
Beerbhoom	494 13 4 3.331 14 4		554 16 1 8.495 1 6	3,744 6 8			1×.293 1 9 3.741 6 8	0.81 128,8 0.813 11 5	******
Hooghly	1,280 6 8	553 10 7	1,833 1 4	17,876 13 (I			1-,876 13 U	11,530 16 6	*** ***
24-Pergunnahs	2,783 4 0		2,987 6 10	6,213 4 S			5,2:3 4 3	65,376 14 6	*** ***
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Backergunge	6.510 7 8			818 4 0			318 4 6	401 7 0	
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Chumparun	50× 0 0 1.707 11 6			-3,396 7 8 14 471 12 2			-8,3:6 7 H	10,163 8 11,167 13 8	••••
Bhagulpore	1,216 6 8	502 3 0	1,878 11 8	3.920 1 8	i		3,22 1 3	13,281 1º H	
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j-	61,457 2 6						مستحد ويستحين		

FORT WILLIAM,
The 21st December 1876.

ROAD FUND.—(Continued.)

District (Road) Committees for the 4th Quarter of the Cess Year 1875-76, September 1876.

DITURE.

			R	Tadlich e e	•		ĺ	Total.	Remare.
Ferries.	Total.	Total Original Works and Repairs.	l'ublic Works charges.	Other charges.	Total.	Tools and Plaut.	Refunds.		
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F. R. BOYCE,
Examiner of P. W. Accounts, Bengal.

PRICES-CURRENT of Food-grains and Salt in the underme.

COMMON. BULEVET MILLEY— GREAT MILLEY— RAG AM	Rice, comm	ICE, BEST SORT.	r.	Barley	P.	Wiibat	V	
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, ,								Districts.
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CALCUTTA, ie 16th January 1877.

Districts of Bengal for the Fortnight ending 15th January 1877.

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B in the interior the prices range as follow:—Wheat 15 to 23 seems, barley 21 to 40 seems, best rice 20 to 20 seems, common rice 22 to 28 seems, maize 34 to 37 seet gram 15 to 23 seems.

not received.

Published for general information.

* H. J. S. COTTON,

Jr. Secy. to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 18th January 1877.

N	io.	District, ar retu		te oi		Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
REI	YGAI						
		 Western 1	Dielm	iote.			
•	1	Bardwan					Telegram not received.
	2		Jan.	18,	77	-24	Weather—Cool and cloudy. The state and prospects of the winter crops continue favorable.
Ė	8	Beerbhoom,	••	13,		1-66	Weather—Seasonable. State and prospects of the crops continue good. The rain will much benefit the cold-weather crops, indigo, and sugarcane.
BURDWAN DITE.	4	Midnapore,	••	18,	,,	1.00	Weather—Very dry and mild till the night of the 12th instant. Since then it was raining, and the rain will do good to the standing crops.
Box	5	Hooghly,	•	18,	,,	1.08	Weather—Rather warm for the season; cloudy, with rain since the 12th instant. About seven-eighths of the asses crop have been harvested. The spring crops on the ground are doing well. The rain on the 13th instant may do some injury to the mango crop.
(-	Howrah,		13.	40	1.15	Rain, with thunder, began on Friday night, and continued till Sunday evening. The crops are now all harvested.
		Central 1	Dietr	ietz.			
ira.	6	24-Pergunnah		-	•77	1:98	Weather—Cool; rainy on the 13th and 14th instant. The cases harvest is being finished. The cold-weather crops and the mange blossoms are slightly injured by the rain. Cholera is abating.
G YOU	7	Nuddes,	90	13,	"	-85	WentherClear to the end of the week and then cloudy. Rain was falling on the 13th instant. The cold-weather crops are doing well.
PRESIDENCE DIVE.	8	Jessore,	•	18,	n	Nil	Weather—Fine till 13th instant, when there was some rain. State and prospects of the crops are very favorable.
-	9	Moorshedabad	١, .,	13,	,	Nn	Wenther—Cloudy and rainy since the evening of the 12th instant. The outturn of assas is reported to be fair. The price of rice in the market, however, has not fallen. General health of the district is good.
	10	Dinagepore,	"	12,) ;	Nil	Weather—Seasonable. The rice crop is still being harvested. Cholera is reported to be raging at Gangarampore; instances of it are also reported from Patnitolah.
DIVK.	11	Maldab,	**	13,		1-63	Weather—Bright and cool during the first five days of the week. It was cloudy and gloomy, attended with frequent heavy showers of rain on the night of the 12th instant. The ruin was still falling on the 13th. This rain will do much good to the rabbes crops. 73 deaths from cholers reported.
RAJURARYS D	12	Rajshahye, .	p .	13,	•	1.74	There was rain at the end of the week. This rain has done good to the coldweather crops, which were in need of it. Mustard is being reaped in parts of the district. A few cases of cholera reported at present.
RAJE	13	Rungpore,	99	12,		Nil	Weather—Seasonable. Dhan is being cut. The prospects of the cold-weather crops are good.
	14	Bogra,	.,	13,	. "	1.00	Weather—Fair and seasonable in the beginning of the week; cloudy and rainy from the 12th instant. The harvesting of rice is rapidly being completed. The cold-weather crops are getting on well and promise a good outturn.
	15	Pubua,	**	13.	• ••	Nil	Weather—Fine, clear, cool, and seasonable. The harvesting of crass is going on. The state and prospects of the rubbee crops continue good. Cholors is decreasing. A few cases of small-pox reported from the Ullapara police station.
Dry M.	,16	Darjeeling,		12	,	Nil	Weather—Misty; threstoning rain. All the crops have turned out well. Land is being ploughed for the new sowings.
Сооси Венав Вгуя.	17	Julpigoree,	••	13	. ,,,	197	Weather—The last two days of the week were cloudy, rainy, and very cold. Easterly wind. The rainfull in the night of the 12th instant, it is said, will do much good to almost all the standing crops. Ploughing for early rice is progressing well.
9	Į	Cooch Behar,	, ₁₀	11	• •	Nil Nil	Weather.—Fair and very cold. The mornings are not foggy. The cutting of the kymunli dhan is still going on. The prospects of the cold-weather crops continue favorable. Itsin is still wanted for the tobacco crop.

[·] Report of the loth January shows ramfall during the seven days immediately preceding.

1	No.	District and retu		e and		Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BE	NGA	L.—(Contd.)					
		Kastern 1	Distri	icts.			
1	18	Dacea,	Jan.	15,•	'77	1.0	Henvy rain fell on the 18th and 14th instant. The crops are good. The rain will facilitate ploughing.
	19	Furreedpore,	99	13,	,,	Nil	Weather—Fine till the night of the 12th instant, when it rained. The 13th was all wet. The late rice is a good crop, and is being reaped. The cold-weather crops are fair.
DACCA DITE.	20	Backergunge,	••	11,	r	Nil	Weather—Fine and cool. The sub-divisional officer of Dakhin Shabaypore reports after enquiry that the damage done to the crops by the cyclone and atorm-wave of the 31st October has been greater than was at first estimated, and has been aggravated by the stormy weather of the 23rd and 24th November, as well as by the blight. He estimates the outturn in the several police jurisdictions as follows:—outposts Gazipura and Tallali will have eight annas each, outpost Tejumaddin six annas, station Dowlutkhan four annas, station Barhanuddi two annar. Cholera is prevalent throughout the island of Dakhin Shabaxpore and elsewhere.
	21	Mymensingh,	,,	12,	,,	Nil	Wenther—Generally fine; warm during the last three days, and the usual seasonable rain appears nigh. State and prospects of the grops are favorable.
	22	Tipperah,	••	12.	,.	Nil	Weather-Fair. The winter crops are doing well.
	23	Chittagong,	**	11,	"	Nil	Weather—Cold. Rice is now all reaped, and the cold-weather crops are coming on well. Cholera prevails throughout the district.
Ситтабоче DIVE.	24	Noukholly,	,,	11,	90	Nil	Weather—Fair and bright; hot in the day but chilly at night. Almost all the amous crops are reaped. These crops in the inundated tracts have suffered much. Exportation of rice is going on, and the price has risen. Cholera is very bad in Southaram and Forashgunge, also in Hattia, but has somewhat abated in other parts.
Сяттав	25	Chittagong Hi Tracts,	71	9,	,,	Nil	Weather—Heavy fog up to 9 o'clock in the morning and cool at night. The mustard plants are in flower, and the prospects are on the whole good. The tobacco plants are thriving well. Seven deaths from cholera occurred during the week in the head-quarters sub-division.
		Hill Tipperab,		10.	٠,	Nii	Weather—Seasonable. State and prospects of the crops are good.
BE	IIAR.						
	26	'Patur.•	Jan.	15 •	'77	1:37	Weather—Very cold, with casterly wind. There was a good fall of rain on the 12th instant throughout the district, which has done much good to the rabbee crops. Health of the people is generally good.
	27	Gyn,	••	13,	,	· 4 0	Weather—Easterly wind, with indication of rain. Cold and damp—Rain fell on the 12th instant at Gya and Jehanabad. The rabber crops on the ground are very promising. The rain, which appears to have passed over all the district, will do great good.
	28	Shahubad,		13,	*	1:31	Weather—Cold and cloudy, with occasional heavy rain. The prospects of the rubber crops are reported to be good everywhers, but the gale on the night of the 12th instant, and the stormy cast-wind and heavy rain, will have bearen down the peas and the crops in flower.
17K.	29	Durbhunga.	••	13,	"	1-82	Weather—Cloudy and very cold, with strong cast wind. The rubbes crops have been much benefited by the rain, and the prospects are excellent.
PAINA DITM.	30	Mozullerpore,	••	13,	.	1.62	Weather—Cold and cloudy. The prospects of the crops continue good. The harvesting of dian is now over. Prices are rising owing to expertation. The rainfall on the 12th instant will do much good to the rubbee crops. Health of the district is good.
	31	Saruu,	49	13,		20	Weather—Clear and cold up to 10th instant. The wind changed to the east on the 11th, and there was continual rain on the 12th, accompanied by a thunder-storm, lasting ten hours, with strong squalls from the east and north-east. The sky seemed to have been clearing on the 13th, but the weath still unsettled. 1-67 of rain is reported to have fallen at Sewan. The state and prospects of the crops are very favorable. The rain is probably general throughout the district, and must have greatly benefited the crops. Rakar, mustard, and poppy, are flowering; wheat and barley are in ear. General health is good.
(32	Chumparuu.	••	13.	"	230	linin has done good. Prospects of the crops are most favorable.
							to a total desire also areas desired to a property of the second to a second t

[•] Telegram of the 15th January shows rainfull during the seven days immediately preceding.

1	No.	District,	and d turn.	l ate o	ſ	Rainfall at Sudder Station in inches.	
BE	HAR.	—(Continued.)				
1	33	Monghyr,	Jan.	18,	'7 7	-60	Weather—Cloudy, with rain. The rain will benefit the crops. The prospects generally continue satisfactory.
BRAGTIPORE DIVE.	34	Bhagulpore,	"	15,4	,,	1-36	Heavy rain sat in from the north, with east wind, on the evening of the 12th instant. The weather cleared off in the afternoon of the 13th with south wind, the wind having blown from the four quarters in succession. The rain at 8copole was '75 on the 12th. The reports from the other sub-divisions are not received, but the rain was ovidently very general. The rabbee crops were good, and they now ought to be humper ones throughout the district. General health is very good.
PR	35	Purneah,	19	18,	"	-66	Weather—Cold and stormy. Rain has been falling at intervals since the 12th instant. This rain will much benefit the rubber, and there is now every prospect of a bumper crop.
l	36	Sonthal Perg	hs. "	14,	,	2-80	Weather—Heavy showers at Doomka in the night of the 12th instant. The rain will do much good. The cold-weather crops are very promising. Rice and other crops have been already respect, and have yielded a very good outturn. Cattle disease still prevails in Deoghur. There has also been some fever.
OR	issa.	•					
E .	87	Cntiack,	Jan.	18,	*77	Nil	Weather—A slight shower fell at head-quarters on the 13th, and another on the 13th; the weather is still cloudy. The main rice crop is rapidly being got in with fair outturn. The cold-weather crops are wanting rain, and irrigation is being resorted to where water is available.
ORIESA DIVE.	38	Pooree,	,	11,	2	Nil	Weuther—Fair. The sarad paddy is nearly all harvested. The dalso crep is progressing well. Mustard, arkar, and sugarcane, are being harvested. Kallis and other creps are in fair progress, but rain is now wanted in order to secure a good outturn. Pulses and rice are being fast carried out of the district.
ţ	39	i Balasore,	,	12,		Nil	Weather—Normal. The rice harvest is almost completed. The district is very healthy at present.
me	OTA 1	NAGPORE.			Ì	1	
		South-We Ager		u nti es	.		<u>-</u>
	40	Hazarcebagh,	, Jan.	13,	*77	Nil	Weather—Rather warmer than usual at this season; the last few days were cloudy. The state and prospects of the crops are satisfactory, but rain is wanted.
	41	Lohardugga,	••	13.	"	-40	Weather—Seasonable. It rained hard during day and night on the 12th instant at Ranchi, and probably over a considerable area of the country. Prospects of the crops are good, as also the health of the district.
	42	Singbhoom,	•	12,	٠	Nil ,	Weather—Seasonable. Cloudy for the last two days. The only crops now on the ground are wheat and pulses, and these are favorable. General health is good.
	.43 [!]	:Tanbhoom,	ps.	18	.	Nil	Weather—Bright and clear till 12th instant; since then the weather has changed Rain fell on the night of the 12th, and the sky was still cloudy on the 13th. Nothing to add to the last week's report on the state and prospects of the crops. All rice crop is nearly off the ground, and the yield is generally excellent.

[•] Telegram of the 15th January shows rainfull during the seven days immediately preceding.

Published for general information.

11. J. S. Cotton,

Jr. Secy. to the Gort. of Bengal.

Calculta, Statistical Dept., The 16th January 1877.

	Weel	rly	Rep	ort of Rainfi	all comp			deteor	ological	Reporter's Office.
TOTE	Diera	icts.		STATIO	34.	Rain from 24th to 30th Decem- ber 1876.	for S1st mber 1576.	JAN	PROM 1ST IVARY 876.	Remarks.
DIVINIONS.						Itain ber 1	Rain for December	Inches.	Up to date.	
BK)	NGAL.									
	WESTERN I	Disti	iots.			Inches.	Inches.		1876.	
			ſ	Bardwan Cutwa		Nil ditto	Nil ditto	50:68 53:47	31st Dec	
ſ	Burdwan	•••	{	Culna Bood-Bood		ditto ditto	ditto ditto	30.60	ditto	Not rec. 17th to 23rd Dec.
١			l	linnergunge Jehanabad		ditto ditto	ditto ditto	44'20 83'2s	ditto ditto	Not rec. 17th to 23rd Dec.
	Bankoora	•••	•••	Bankoora		ditto	ditto	70:15	ditto	
.	Beerbhoom	•••	{	Sooree Hetumpore	•••	ditto ditto	ditto ditto	59.07 71.54	ditto ditto	
			(Roypore	***	ditto	ditta	50.30	ditto	
BURDWAY.				Midnapore Tumlook	-	Not rec.	ditto Not rec,	67-62	ditto	
	Midnapore	•••	{	Ghattal	llr.'s Office	Nil ditto	Nil ditto	81.35	31st Dec.	From 23rd April.
İ			ļ	Contai Exe. R	ngr.'s Office	ditto	ditto	00-94	ditto	
ļ	Hooghly	•••	{	Hooghly Serampore		ditto ditto	ditto di tt o	40783 66706	ditto ditto	
1	Howrab	•••	{	Howrah Maheshrekha		ditto ditto	ditto ditto	65:95 72:81	ditto ditto	
	CENTRAL I)terr	icts.	_	-					
				Saugor Island Calcutta		ditto	ditto ditto	73:09 80:23	ditto	
	l			Alipore { Dispension Jail Pusseerhat		ditto ditto ditto	ditta Not rec. Nil	82.08 82.09 69.43	ditto 30th Pec. 31st Pec.	
ſ	24-Pergunn	he		Baraset Diamond Harbou		ditto ditto	ditto	58.20 28.20	ditto	<u>!</u> :
İ			į.	Barripore		ditto	ditto	75·39 82·79	ditto	·
ı			l l	Barrackpore Dum-Dum		ditto ditto	ditto	49°08 70°90	ditto	! i
I			{	Kishnaghur	•••	ditto diff.	d tto	65.42 75.34	ditto ditto	
ان	Nudden	•••	{	Meherpore Choosdanga		ditto ditto	ditto ditto	G0*23 64*37	ditto	
$\left\{ \right\}$			Į	Kooshten Ranaghat		ditto	ditio	63.81	ditto ditto	
				Jessore Nurrail Khoolna	• •••	ditto dikto ditto	ditto ditto	76'91	ditto ditto ditto	
1	Jesaoro	•••	{	Jhenida		ditto	ditto ditto ditto	85~1 67:26 84:85	ditto	Not rec. 21th to 30th Dec.
1			ď	Magoorah Berhampora	•	Nil ditto	ditto	68 57 63-03	ditto	. Mor tree sith to stan 1966.
Ì			İ	Rampore Haut	•	ditto ditto	ditto difto	543 5 63°24	ditto dit t o	
L	Moorahi dabi	ad	{	Jangypore Azimgunge .	•	ditto ditto	ditto ditto	70°28 70°11	dit to ditto	! !
•			Į	l.aligolia Kandes		ditto ditto	ditto ditto	78-24 52-53	ditto dit t o	! !
•	Dinagepore		§	Dinagepore Raigunge		ditto ditto	ditto ditto	06 55 68:01	ditto ditto	From 21st May.
	Maldab	•••	ξ	Maidah Chanchal		ditto ditto	ditto ditto	54:42 73:27	ditto	а сош одро віду,
ļ	Rajahahye	•••	{	liaulean . Nattore	·	ditto ditto	ditto ditto	7d-00 59:7±	ditto dillo	
	1		ſ	Rungpore		ditto	ditto	สา-สา	*ditto	•
	liungpore		{	Bhowanigunge Kurigram		ditto ditto ditto	ditto ditto	61:39 8:1:31	ditto	
			ſ	Bagdogra Rogra Sherpore		ditto ditto	ditto ditto ditto	100°08 68°33 71°64	ditto ditto ditto	From 19th April, and not rec. 1
	Bogra	•••	{	Panchbibi		ditto	ditto	49:51	ditto	to 23rd Dec. From 26th March.
	l'ubma			Pubna		ditto	ditto	70110	ditto	
	ĺ	•••	{	Serajgunge		Not rec. Nil	ditto	06.21	ditto	Not rec. 19th to 25th Nov. 1 24th to 30th Dec.
ſ	Darjeeling	•••	•••	Darjeeling { Teleg	ital	ditto	ditto ditto	118·07 110·50	ditto ditto	
			ſ	Julpigoree	•••	ditto dit t o	ditto ditto	113·01 98·92	ditto ditto	
	Julpigoree	••	{	Buza—Civil Surge		ditto	0.03	191.63	ditto	
	Canal Habra	Take.	المما	Titalya		ditto	Nil .	100-53	ditto	
U	Cooch Behar States	Trib	utary	Cooch Behar		ditto	ditto	100-18	ditto	

	Districts.	:	STAT	TONS.	Rain from 24th to 30th December 1876.	Rain for Blat. December 1876.	JA:	FROM 1sr WDARY 1876.	Remarge.
	<u> </u>		! <u></u>		3-3	#"		OP TO GREE	1
1	RENGAL.—(Contint	ted.)							
	EASTERN DISTRI	CTB.	<u> </u>		Inches.	Inches.		1876.	
		ſ	Dates . Toles	raph Office	Kil ditto	Nil Not rec.	83:47	31st Dec.	
	Daces	-{	Moonsheegunge		ditto	ditto	70.46 105.39	80th Dec	
		5	Manickgunge Furreedpore		ditto	ditto Nil	78-11	ditto	. Not rec. 10th to 10th Dec.
DACCA.	Furreedpore	{	(ion:unde Madariporo	• •	ditto ditto	ditto	75 43 90:36	ditto ditto	
ā	Rackergunge	{	Burrisal Perozopore Patouakhally Dowlutkhan		ditto ditto ditto Not recd	Not reed, difts difts Not ree.	78-85 84-29 110-63 116-80	30th Dec ditto ditto 25th Oct.	
	Mymensingh	{	Mymensingh Jamalpore Atia Kishoregunge		Nil ditto ditto ditto	Nil ditto ditto ditto	90:17 66:38 72:88 86:76	31st Dec. ditto ditto ditto	
1	Chittagong	{	Chittagong Te	lerraph Office il	ditto ditto	ditto ditto	81:03 1)0:45	ditto ditto	
ě.	Noakholly	}	Cox's Bazar Noakholly Fenny		dito ditto ditto	dirto ditto	145·75 154·07 21·38	ditto	Not rec. 20th Nov. to 2nd Dec.
CRITTAGONG.	: Tipperah	ද	Comillah Brahmunbariah		ditto	ditto ditto ditto	99.87 69.63	ditto duto ditto	From 3rd Nept., and from 20th Nov. to 2nd Dec., and 10th to 23rd Dec.
Ş	Chittagong Hill T	TAPE	Rungamates Hi		ditto	ditto	101:20	ditto	
į	Hill Topperah	•••	Hill Tipperah	•••	Not rec.	ditto	77.08	ditto	Not rec. 24th to 30th Dec.
PK	HAR.						١.)
1	Patna			ail	Nil ditto ditto ditto	ditto ditto ditto Not rec. Nil	37:50 30:20 46:81 35:(3) 37:50	ditto ditto ditto 30th Dec. 31st Dec.	
	tiya !	{	A	··· ··· ··· ··· ··· ··· ··· ··· ··· ··	ditto ditto ditto ditto ditto	ditto ditto ditto ditto	45:00 83:05 41:17 81:51	ditto ditto ditto ditto	
	· Shahabad	- {	Parketam Dangar		ditto dirto ditto ditto	ditto Not rec. ditto Nil	21:93 31:07 4::20 31:09	dirto 30th Dec, ditto 31st Dec.	Not rec. 17th to 23rd Dec.
PATES.	, Moznilerpore :	{	Hajeenore		ditto ditto ditto	Not rec. ditto ditto	53 71 45:59 44:97	30th Dec. ditto ditto	
	. Durbhungs		Mudhoobunner		ditto ditto ditto	ditto ditto ditto	80 33 80 51 83:40	ditto ditto ditto	
ì	; Sarun	} }	e	 	Not rec.	Nil ditto	35·14 45·83	31st Dec.	Not rec. 21th to 30th Dec Ditto ditto.
	Chumparun	ار	Motiharee		Nil ditto	ditto dicto	40·00 58·60	ditto ditto	· · · · · · · · · · · · · · · · · · ·
:	i Mongby:	{i	Monghyr Begou Serai		ditto ditto ditto	ditto ditto ditto	64:30 33:49 64:33	ditto ditto ditto	•
Вилаптови.	Hhagulyore	{	Bhagulpore Propool Muddehpoora Banka	10. 10. 10.	ditto ditto ditto ditto ditto	ditto ditto ditto ditto ditto	69:14 41:36 47:98 57:85 50:28	ditto ditto ditto ditto ditto	
Вилас	Purneau .	. {	l'urnesh Kiroenguuge		ditto ditto ditto	ditto ditto ditto	64:85 71:85 61:64	dit to dirto ditto	
l	! !	ſ	Nya Doomka .		ditto	ditto	63-11	ditto	
ļ	Southal Pergunnaha	` ₹!	•	-	ditto	ditto	45-86	ditto	Not rec. 12th to 18th Nov.
			Deognur . Godda		ditto	ditto ditto	72·60 64·60	ditto ditto	
	<u>i · </u>	٠١'		* **	41540	4100		u	-

			- 4 0					_		
loun.	Distra	1078.	•	8747	ions.	Rain from 94th to 30th Decem- ber 1876.	for Sigt mber 1876.	JA1	PROM 182 IVARY 876.	REMARKS
Dia						Rain To 30	Rain Dece	Inches.	Up to date.	
RI	RHA.					Inches.	Inches.		1876.	
{	Cutter k	-	{	Cuttack { To Jajpore Kendraparah Jugutsingpore	degraph Office pepital	Nil ditto ditto ditto ditto	Nil ditto ditto ditto ditto	87·10 41·28 50·65 46·50 87·19	31st Dec. ditto ditto ditto ditto	
			l	False Point		ditto	ditto	74:25	ditto	
	Puoree		{	Poorse Khurdab	ee: ee:	ditto ditto	ditto ditto	84·93 48·22	ditto ditto	
ORIERA.	Balasore	••	· {	Balasore { Ex Bhadrack Jellasore Sorah Chandbelly	te. Eugr.'s Office illector's Office	ditto ditto ditto ditto ditto ditto	Not rec. Nil ditto ditto ditto ditto	83·05 82·72 51·77 65·57 67·70 51·80	30th Dec. 31st Dec. ditto ditto ditto ditto	·
Į	Cutteck Tribe	stary l	Mehals	Sumbalpore	***	ditto	ditto	62-43	ditto	
	CHOTA N	AGP	DRK.]	İ		
	South-W						l			
	FROSTINE		BOY.	Hazaroobagb.,.	j Jail Dispensors	ditto ditto	ditto ditto	44:05 50:43	ditto ditto	
	Hazarenbagi)	 {	Packumba		ditto	ditto	55-28	ditto	
	Lohardugga		{	Ranchee Palamow	40. 101	ditto ditt :	ditto ditto	70-93 39-76	ditto ditto	
	Singbhoom	•••	•••	Chyebassa	10.	ditto	ditto	61-26	ditto	
	Manbhoom	•••	{	Puruliah Govindyore	181 191	ditto ditto	ditto ditto	80.08 80.08	ditto ditto	
	ABBAM & A		C KNT			 	 			
	Sylbet	•••	•••	Sylhet	ee: so.	ditto	ditto	152-02	ditto	
	Soobuaugor	•••		Seebeaugur Golaghat Jorehaut Deopanie Hattiepootie Masengah Nazeerah Suntoek Charideo	100	ditto ditto Not res. ditto ditto ditto ditto ditto ditto	Not rec. ditto ditto ditto ditto ditto ditto ditto	83-78 78-91 69-40 90-33 80-28 74-60 80-98 92-60 100-32	30th Dec. dutto 28rd Dec. 16th Dec. ditto ditto ditto ditto ditto	
	l ;			Akyab	191 (01	Nil	i Nil	151 98	Sist Dec.	

Calcutta, The 13th January 1477. JOHN ELLIOTT, M.A.,

Meleorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Leport for the period 7th to 13th January 1877.

			Barometer	Barometer reduced	Тивъх	DESTRIE.	<u>196</u>	Wies				Weath
	Date.	Hour.	reduced to 32°,	to sea- level.	Dry.	Wet	Hamidity Sat100.	Direction.	e Velocity.	Rain.	Clouds.	instiale
ſ	Jan. 7th	10	80-186	30-206	71.0	62-4	5A	N by R	4.7	******		1.
П	8th	16	80.084	80.088	76·5 71·0	65.6	71	NNR	7·5	*****		1
Н	Offi	16	30·178 30·079	80.081	760	63-8	60 46	N R W	4.7	*** ***	c	•
П	9th	10	80.195	80.314	70.3	62.2	63	NE	4.6	*** ***		8
}	10th	16 10	80·038 80·160	80-067	75·6 71·0	63.3	47	N N	5·8	*** ***	0	1.
1	1001	16	90.030	30·169 30·039	76.4	65.0	60 51	8	8.8	*****	******	1
Ш	11th	10	80-167	3 0-196	71.7	64.6	66	8 8 W	8.7			1
П	19th	16	30·034 30·189	30:058 80:3::8	77·4 71°8	65·9	59 69	K S by K	40 36	•••••	C	
П	Term	ie	80.030	80.030	78.5	66.0	48	REE	8.7	*****	č	1
Hi	13th	10	80-151	3 0-170	65.2	64.0	83	RSE	6.3	0.08	*****	0, 1
Ч		16	30-029	20.078	64.0	68-2	96	8 E	14.5	1.88	•	0, 7
	Jan. 7th	10	80-175	30-181	78	63	85	N N N N	7-2	****		1 6
Ш	8th	16 10	30-173	30-067 30 179	76 73	66 64	56	NNW NNW	10°5 5°4	*** ***	PK	1
	orn	16	80.072	30.041	78	66	68 60	W W	4.8	*** ***	c	å, <i>5</i>
1!	9th	10	80-167	30r173	73	68	88	NNE	0.0	*** ***	••••	ă
H	10th	16	30·138 80·143	30·144 80·149	77	65	49	NNW	6.9 5.8	******	*** ***	1
۲ ا	1000	16	80.030	80.036	77	66	62 53	ล พู W	6.6	******	*** ***	6.5
П	11th	10	30.152	30 161	74	66	79	8	8.1	*****	C	1,5
	12th	16	30.050	30.026	77	64 64	61	REE	8 is		CS	1
11	13th	10 16	80°177 30°025	80·183 30·081	74	71	73 73	ENE	10.3	******	() K	1
H	18th	10	80-117	30-123	67	66	95	NNW	7.3	0.60		0, 7, p
Ų		16	SOUTT	30.020	60	66	100	ENE	7.9	1.40	*** ***	0, r, l, f,
ام	Jan. 7th	10	30-101	30-190	70	61	70	NNE	4-1		*****	8, 0
11		16	29-963	80-058	70	65	43	w	8-1		*****	6, 0
11	sth	10 16	30·092 20·975	30°177 30°048	70 78	64 66	70 5 0	WXW	4·2 2·9		*****	0, =
4	θth	10	80.082	30 177	71	61	66	NE	5.8	******	*** ***	b, =
H		16	29 941	80.083	78	66	50	RNEWN	8.7		*** ***	6. 0
ł١	10th	10	20-04 9 29-916	30040	72 75	63 65	59 56	ENE W	8-0 8-0		******	, m
П	11th	io	30074	30'109	69	63	65	NNE	8-3	*****	*** ***	6, 8
Ш		16	20.883	30:076	78	66	80	W	3.0	•••••	*** ***	6, 0
	12th	10	20-126	30-231 30-086	79	69	52 4)	N E W S W	3.0	••••••	()	b, m
п	13th	10	30 108	90.303	70	65	75	NK	ã ó l		o	å, o
U		16	38.81/8	30.003	73	67	72	NNE	7:3		C	ļ
-	Jan. 6th	10	89:125	30148	80	69	85	NEbyN	19		*** ***	8, c
П		16	30 003	80.038	80	6V	65	N E by N	14	*****	U	e
Hi	7th	10 16	80 130 80 021	30·153	81 80	69 70	59 68	N N E N K by N	10 16		*** ***	b, c
Н	8th	io	80.130	8-1153	88	71	58	N Ř N Ř	15		•••••	·
H		16	30.003	30035	AO I	67	48	N E N N E	18		•••••	l, o
11	9th	10	30-199 20-199	80.133	81 80	6 8 ;	48 68	N E by N	19 15	******	*****	0
11	10th	io	30-073	90.080	82	71	58	NNEENE	13	*****	******	6, 0
П	7745	16	30:053 30:063	20.026	82 80	70	58	ENE Eby N	16 10		*** ***	b, c
11	11th	10 16	20.621	30.081 30.021	80	78 78	63 70	NEbyE	14		••••	b, c cloudy.
H	12th	io	20.080	80.118	81	73	67	S K by E	8	0'01	*** ***	cloudy.
U	- 1	16	29'971	50.h0T	82	7+	67	SEDJE	8		•••••	e
-	Jan. 7th	10	30:114	30-198	79	σι	50	s w	1.1		*****	
	_ 1	16	2H-970	30'082	70	63	87	NR	40		*** ***	i
П	Sth	16	30°114 29°999	30·198 30·083	72 80	61	51 37	NNE	1·1 3·5		** ***	5
Ħ	Dih	10	30-114	30-198	71	63	67	WWW	ഗ8		*****	1
l	1	16	29.0m	801053	80	64	37	N !	2.8		*****	6
ŧ!	10th	10	80:0.45 80:0.45	30.008	71 82	61 65	58 l 86 l	ENE	2.8		******	1
l	11th	16	30:::3	30148	73	62	51	NE	1.0		C	1
H	1	16	29-629	80.039	62	65	36	E	4-3		KC	ge of
П	12th	10	29:074	3::157 3::6 49	78 77	62 68	61	E	9.0 6.4		CK PK ·	19
Į!	13th	10	80 037	80 121	713	60	85	NNR	1.8	*****	PĈ	p, d
U	-	16	29-927	80 O11	72	68	81	WWW	8.8	0.20	***	29, d
ام.	Jan. 7th	10	80-148	80.170	74	66	63	NNE	2-2		****	1
11		16	250.08	80'044	80	69	65	8 R	5.3		c	l _
1	8th	10	80°148 80°064	80 170 8->-076	76 80	66 68	6 0	N K s W	1·9 8·3		c	3
11	9th	16	30 138	80.100	74	66	63	ENE	10			1 8
H	1	16	30.013	80-064	79	(%	54	W	8-6		*** ***	١
11	10th	10	800.008	30.120	78	67	79	NE W	9·8 4·1			1
11	11th	16 10	80°010 80°115	80°083 80°137	76 74	67 67	60	NE	1.7	*** ***	*** ***	1 :
11	- 1	16	30.094	80.078	79	67	61	88 W	2.6		*** ***	į
П	12th	10	30.307	30 220	74	68	73	NK.	1.6		***	1
11	18th	16 10	80.003 30.1:2	80°084 80°187	79 74	70 67	61 68	N.E	4·1 1·6		C	•
		16	30-042	30.067	81	69	69	E	4.1		Ċ	l

JOHN ELLIOTT, M.A., Meleorological Reporter to the Government of Bengal.

CALCUTTA, The 13th January 1877.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 8th to 14th January 1877.

7-7-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	: المعلق المعلود					-								
		1 1	Ter	RHOMI	ITER.			Ė	dit.	Wı	MD.			1	
Month.	Date.	Mean reduced beron	Elghest reading.	Lowest reading.	Max. solar radia- tron.	Mean dry balb.	Men wet bulb.	Computed men	Mean degree of humidity	Prevailing direction.	Max. pressure.	Daily velocity.	Rais.	Mona's phases.	Greenat. Krmarge.
		Inches.	0	0	0	0	0	0		<u> </u>	b	Miles.	In.	Ī	
Jan.	8th	80.118	77:2	59· 9	}	68-0	61.8	55-9	0-67	N& W by N		88:3			Clear and cirri.
	91Ъ	110	77-7	60 5		6-8	61.8	55·8	-63	W by N & N		101-5			Clear.
	10th	*075	78:0	604		08:3	62.4	57-7	·70	NESW		48.5	•••		(lear; slightly forgy at 5 & 6 A.K. and 8 & 9 P.M.
	11th	-098	79.0	60-5	ŧ	69.0	63-0	68.3	•70	PSWAE	•••	31.8			Clear.
	12th	-094	79-8	63-2	Out of order,	70.0	64-1	59-4	•70	S by E & S		73-7	0.08		Clear, cirri, and overcast; light rain at 7 & 11 P.M.
	13th	-093	69-0	63.2		65.4	64·1	63-1	-93	S E		143-3	1.04		Overcast; thunder at 10? A.M. Run from mid- night to 4 P.M.
	14th	·110	67:3	61.8		4.69	62-3	60-8	-91		•••	174-6	•••		Overcast and clear; dris- zled at 7, 10 & 11 A.M.

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The The The	maximum maximum mean hur	tempe tempe nidity o	rature during rature during during the pa	the past seven the correspon st seven days	past seven days a days ding period of the past year priod of the past		•••	⊕ 20·6 79·8 ×0·2 0·75 0·65
The	total fall Ditto Ditto Ditto	of rain ditto ditto ditto	from 8th to ditto, between the ditto,	average of lst and 14th	by lower rain-gauge by anemometer gauge twenty-three previous years January twenty-three previous years	•	•••	Inches. 2-00 ut of order. 0-08 2-00 0-12

The 15th January 1877.

GOPRENAUTH SER.
In charge of the Observatory.

Abstract of Observations as received in the Meteorological Office, Calcutta, during the month of October 1876.

N.B.—The Barumetric duta are reduced for temperatures, and not for height above sea-level.

Common	ادي	•8.	Cab lo	Number	2200	ا. ا	2.	=	7.2 2.2	120:	1 00	*	22	700°
Party Part	FAL		1	odoni al	1.02	4.38	19.45 48.55	31	884	122	2 18	228	35	1225
Care Care	٠	10 E	•	16 p m.e								253	22	2223
Contract Contract	DIT	74.F		arnod 01	2225	3 8	≵8	11	222	222	82	222	28	2223
Contract Contract	MAR		.emia	im mor4								223	88	8835
Communication Communicatio				.hean.										
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Mars of All Mars of All Mars	TEN	K	 	ernod OI						•	•	222		24.48
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CALCUTA-OCTOBER 1876.

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JOHN ELLIOTT, M.A.,
Melcorological Reporter to the Goet, of Bengal.

16, the 18th January 1877.

Mean Pressures and Temperatures of the preceding Table reduced to sea-level, with Anemometric Results and Cloud Observations.

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SKOITATÄ		Mean barometric sure reduced to level.	Mean temperature duced to sea-level.	North.	North-east,	East,	South-east.	South.	South-west.	West.	North-west.	ralm.	Percentage and Resultant.	Mean velocity daily.	Mean clead.
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f adras		-804	82.7	8	15	10	9	4 ;	.6			4	47 N. 82° R	1430	l ::: ::
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NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 17. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table,—" Prof. papers on Indian Engineering No. CXIII." The temperatures at the sea-level are taken from column 3 of the above table.

Temperature.—The temperatures in column 3 are reduced from those in column 17 on the preceding, page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Clouds.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0, and one completely overcast by 10.

The above being all comparable, afford the data for constructing a meteorological chart for the month, which shall show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

CALCUTTA;

John Elliott, M.A.,

The 13th January 1877.

Meleorological Reporter to the Goot, of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Kendrapara Canal for the month of November 1876.

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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the High Level Canal for the month of November 1876.

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R IRR	TOXMAGE OF BOATS.	Mds., Tons.		19.19	ž	: 818	. a.	. Ž	:3			i i	16.4 4	NISC	:	. ا	<u> </u>	F. 17	# 878.
MES PO	IMATE	Value of curgo.		1	*	98		:5	3	2		1,13	.e.		į	;	;	1,834	1,953
ATERI	APPROXIMATE	Weight of carro.	Mds	5.5	Z	:Đ	3	8	2	.2		11.131	1,793		:		1	11,131	1.005
STORES AND MATERIALS FOR IRRIGATION WORES.		Nature of cargo.		Rubble stone	Cut stmcs	_	Kurkutcha	Lime refuse			Emply bents				But stassed fre			•	
	.edmod			: W.	' :- <u>-</u>	:"	: - -	: " -:-	:		· :	F	_=	<u> </u>	. .	=	 	<i>S.</i>	3
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	•	opposite noT		5.65	315	22	EX	€E	5.2	P- P-	E j	13.	14,788			1		15.512	14,786
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RAFFIC	TONNAGR OF BOATS.	Xg		13	4	8 3	5 3	e:	21.2	ន	33	12.912	19,300					12013	13,3v0
PRIVATE TRAFFIC.	APPROXIMATE	Value ef cargo.	S.	51.45 51.55			11				i	118,83	14.571		2	3	1 2	22,46]	19,613
PRI	APPROX	Weicht rf cargo.	Mds.	žž.	25	23	£ā	83	2.8	22	!	P .89	4.814		i			989,4	4.814
		Nature of cargo.			Pait-fish	ŧ	Cott n	11:	::	Berin	nger ba	Tebal	Total of same month	ļ	Timber, No. 45	Total	Total of same menth		Grand total of same month last year
	-at-mod) Number of 1		60 C	90-	· 64 ;-	· • 1 ~		-	. p-4 ,-	= 1	E	21		•	-	-	=	3

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Taldunda Canal for the month of November 1876.

Length of Oanal Open—27 Miles.

		PRIV	PRIVATE TRAPFIC.	PFIC.					STORES A:	ORES AND MATERIALS FOR IRRIGATION WORES.	RIALS 1	TOR IR	RIGAT	ON WC	RKS.					ABST	ABSTRACT.			
ataod		Аттво	APPROXIMATE	TORNAGE OF BOATS.	8		-· ·	not Ile		APPROXIMATE	·	TOFFACE OF BOATS.			· -	n bet	,ndmost			<u> </u>				lj Det
Mumber of	Nature of curgo.	Weight of Cargo.	Value of cargo.	Mds.	Tous.	Ton mileage	Tollage.	Mate of to for mile.	Nature of carriers	Weight of Carro	Value of cargo.	Xds.	Tone	Ton mikanga S	Tollage	of to of the selfer not	Number of	Nature of traffic,	weight of cargo.	Cargo.	Tourses.	Ton molien go.	Tollage.	Rate of to ton mile,
		Nids.	ä				Rs. A. P.	A. P.		Mds.	ä				Rs. A. P.	A. P.	-		Kds.	2			Rt. A. P.	A. P.
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2	Empty boats			1,960	8	858	6 77 9	:			 į		;		 	:			į	i	i	!	į	i
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=	Grand Total of same mouth last year	3,167	8,186	87.		1,400	35 ± 11	i	: '\$	9.99.6 8.99.6	 Ş	25,880	1984		* * *	<u>.</u>	5		12,966	2	8,1	17.927	157 7 8	[]

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE. Statement she total amount of Iraffic and Tolls on the Midneyore Canal for the month of November 1876. Length of Canal of November 1876.

	PRIVATE TRAPPIC.	78. E	PFIC.					STORES	AND MA	TERIAL	LS FOR	IREIC	ATION	STORES AND MATERIALS FOR IRRIGATION WORKS.	-			-	ABSTRACT.	ė			
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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Tidal Canal for the month of November 1876.

LENGTH OF CANAL OPEN-29 MILES.

	PRIVATE	PRIVATH TRAFFIC.	ور					STORES AND MATERIALS FOR IRRIGATION WORKS.	TAN CO	ERIVIE	POR I	RRIGA	TION	WORKS.					ABȘTRACT.	AOT.			İ	
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119'19	25,798		.			(197)	37,72
Total	Total of same month		Passengera, No. 326 Denourage, &c	Total	Total of same month	Grand Total	Grand total of seme

ABSTRACT.

	Tollage of	Tollage of the Year 1876-77.	TOLLAGE OF THE YEAR 1876-76.	THE TRAB	
OATAKI.	Daring the month.	To end of month.	During the corresponding month.	To end of cor- responding month.	Bryane.
ORIBBA GIRCIA.	E. A. P.	Br. A. P.	Re A. P.	R. A. P.	
Rendraparah High Lerrel, Section 1	1,600 ss c 24.5 13 7 5 6 13 5	2,000 2,000 2 0 000 2 0 000	1,285 21 25 20 5 21 30 7 731	6,548 12 9 2,066 5 10 695 1 5	•
Total Orism Cirole	1,970 15 0	11,966 6 1	1,776 4 6	9 \$ 006'6	
SOUTH-WREEKER CIRCLE.				•	
Midsepore Tidal	6,770 1 6 2,681 4 8	40,457 6 9 86,601 18 1	3,505 G G 1,619 7 G	34,448 13 6 19,011	
. Total South-Western Circle	8,801 6 9	72,040 \$ 10	4.914 14 0	64,308 19 11	
Grand Total	10,778 4 9	B4,906 7 11	6,080 \$ 5	9 0 000'89	

G. A. Searle, Col., e.c.,
Asst. Secretary to the Gevernment of Bengal,
in the P. W. Dept., Irrigation Branch.

The 22nd December 1876.

G. A. SEABLE, Colonel, & C.,
Anst. Secy. to the Government of Bengal

GOVERNMENT OF BENGAL.

PUBLIC WORKS DEPARTMENT, IBRIGATION BRANCH.

KHUBEEF SEASON 1876, COMMENCING ON THE 1st JUNE 1876.

Frigation Operations of Lower Bengal during the month of November 1876.

	BENAMES.	•	anre-	- S - S	e double as-	Total 25,004	Sugarrano 140 Haldi 68	esting :		Part)	Grand Total 28,912	Rainfall at Dehree. This is, for last six years only ; no previous				
	vious years for	11	(a) T (b)	9.8				to the Paris		× ×		37-75 Rainfal 38-49 This te		-		
RAIPPALL.	R it z h wodowi Lineaca lectudiii Artespe le sea pre-	16		84718 :					60.79			21.00 to 22.	-			<u>.</u>
ā	Inches during month	21						218	0.12		1					1
rospond-	of table of leafs of leafs of leafs	=	*	7,855 6,410	200	13,632		48,885	1,471	52,408		30,111 30,111 70,111	£2,017	1	1,08,115	1
and to	Grand total of and Grand of gu To laid) (Stal of Stal),	2		1 8 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9, eq.	23,912(a)	13,632	28,83	8,976 8	82,160	55. \$08	3	4.5%	7,0,2	62,031	1,09,116
	to talos arre lato?' To talos) etab of Lo a of arminioo (El a of arminioo	81		£1	82	S	818				1		 -		36.6	313
STGARCANA AND OTHER PRESENTAL CROZ ÍRRIGATION.	Arce leased during all and a second and a se	п		8 -		នា	•			;	:	1;1	:		ន	•
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	qu beasal acra lalo'f To lato (total) or o lato (total) or (c) & 7,8 summico	•		100 N	9. 54 54 54	25,0 04	13,319	28,254	3,906	82,160	55,476	4.56	35	110,4	02,326	1,07,901
EIGATION.	Area leased during the month.	•		\$ ***	3 5	£	135	i	:	I	196			S.f.s.	กิ	F. 404
Rice In	Arra leaned subse- quent to the lut June 1870 and up to the lut of the membin.	1		200 S	200	10,591	086'2	23,436	3,910	27,342	87,404		4,562	1 83,423	42,3%	17,807
	To no hansel and a laf oilt stoled afer ena t	•			1,384	2	6.095	£4	2	8167	15,916				18.211	21,391
WALTER	Avorage discharged in cable fort per avond throughout the cable throughout			12.004	19-57	I	1	39630	60 G	1	:	11811			:	1
SUPPLY OF WATER	Fatinasked fall dis- charges in colino feet par second.	•			1,300 050		1	Ş.	01 05		I	4 38.8				:
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	District.	e 8		Cuthek		Total	Total of the corresponding munth previous year	Midnapore	Howrah	Tot	Total of the corresponding month previous year	Shahabad	Tot	Total of the corresponding month prestons year	Grand Tot	Grand Total of the c
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Weekly Return of Traffic Receipts on Indian Railways.

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for last day of December 1876, on 1582 miles open.

		Coaching Tray	710.	MERCHAND	ISE AND MINES	AL TRAFFIC.	Total
	Number of passengers.	Conchine	receipts.	Weight carried.	Re	ocipte.	recojpts.
	Ī	Ra. A. P.	£ e. d.	Mds. Srs.	Ra. A. P.	8 e. d.	B 0. d.
Total traffic for the week	3,477	8,104 10 0	284 11 10	58,441 13	12,001 15 0	1,100 3 7	1,884 15 &
Or per mile of railway	25	19 9 10	1 15 11	369 19	75 18 6	6 19 1	8 15 0
For previous 26 weeks of half-year	965,148	5,46,418 0 0	50,091 1 \$	40,42,000 11	15,20,459 1 9	151,045 0 11	171,183 2 1
Total for the half-year	866,620}	5,49,552 10 Q	50,375 13 0	47,00,500 24	13,32,461 0 9	122,148 4 6	172,817 17 6
Comparison.							
Total for corresponding week of previous year Per mile of railway, corresponding			411111	•	******	******	 .
Total to corresponding date of	******					••••	
previous year	871,471	6,63,750 7 2	61,677 2 6	40,52,590 8	9,71,627 4 9	89,065 16 9	140,743 19 3

KASTERN BENGAL RAILWAY.

Approximate Return of Traffic for first 6 days of January 1877, on 1581 miles open.

		Rs. A. P.	2 s. d.	Mds. Ám.	Rs. A. P.	£ e. d.	4 e. d.
Total traffic for the week	28,718}	19,718 7 0	1,807 10 6	1,43,107 2	29,691 6 1	2,731 14 2	4,589 4 8
Or per mile of rail way	181	194 9 8	11 8 5	904 12	187 9 11	17 4 0	28 12 5
For previous weeks of half-year	*******	 .	,		******	•••••	******
Total for 6 days	25,7184	19,718 7 0	1,907 10 6	1,43,107 8	29,691 6 1	2,721 14 2	4,529 4 R
Comparison.							
Total for corresponding 8 days of previous year Per mile of railway, corresponding	43,208	34,432 1 6	2,156 b 6	1,94,616 3	41,084 4 7	3,766 1 2	4,922 4 8
week of previous year Total to corresponding date of	273	217 9 3	19 18 10	1,229 \$2	259 9 10	53 16 0	43 14 10
previous year	43,208	34,432 1 6	8,186 5 6	1,94,616 2	41,084 4 7	2,766 1 3	6,922 6 E
	'	'		·		<u> </u>	

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the first 6 days ended 6th January 1877, on 271 miles upen.

		Rs. A. P.	2 a. d.	Mds. Srs.	Rs. A. P.	£ a. d.	£ s. d.
Total traffic for the week, first 6 days	1,681	776 0 0	77 13 0	9,728 0	597 0 9	59 14 O	157 6 0
Or per mile of railway	62	24 8 0	2 17 0	357 0	21 8 0	230	500
For previous weeks of half-year	******		********	*******	********	******	••••••
Total for 1 week	7,081	776 0 0	77 12 0	. 9,7±x 0	697 0 0	,° 59 14 0	137 6 0
Total for corresponding first 1 day of previous year. Per mile of railway, corresponding first 1 day of previous year Total to corresponding date of previous year	. 319} 12 319}	192 13 8 7 1 3 193 13 K	19 5 8 0 14 1 19 5 8	1,870 0 68 23 1,870 0	144 3 6 8 4 8 144 8 8	14 & 5 0 10 7 11 & 5	33 J6 / 1 4 K 35 J6 /

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 6th January 1877, on 28 miles open.

						•	
		Ra. A. P.	£ e. d.	Mds. Srs.	Ra. A. P.	£'e. d.	£ a. ç.
Total traffic for the week	8,839	1,257 0 0	125 14 0	11,706 0	346 0 0	3R 12 0	166 6 0
Or per mile of railway	316	45 0 0	4 10 0	418 0	14 0 0	180	5 1A O
For previous weeks of half-year	•••••	•••••	******	******	44444		.,,,,,
Total for 1 week	8,839	1,257 0 0	125 14 0	11,704 0	886 O O	89 12 0	164 6 0
Comparison.							
Total for corresponding week of previous year Per mile of railway, corresponding	1,246)	178 2 6	17 16 8	1,760 0	66 12 0	a b e	34 5 9
week of previous year Total to curresponding date of	44	6 5 10	0 12 8	63 84	250	0 4 8	0 17 4
previous year	1,946	178 2 6	17 16 8	1,760 0	64 13 0	6 9 6	24 B P

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for last 8 days of December 1876, on 28 miles open.

4.1	·	Coaching Traffic.	Merchand	103 AFD MINERAL TRAPPIC.	Total
	Number of procentors.		Weight carried.	Receipts.	receipts.
		Rs. A. P. & s. d.	Mds. Srs.	Rs. A. P. &. s. d.	& e. d.
Total traffic for the week	10,420	1,550 0 0 155 0 0	20,563 0	65 18 0	221 18 O
Or per mile of railway	872	55 8 0 5 11 0	734 0	24 0 0 2 8 0	7 19 0
For previous 20 weeks of half-year	215,468	30,468 0 0 8,045 16 0	3,35,640 0	10,838 0 0 1,083 16 0	4,070 12 0
Total for 27 weeks	235,908	34,098 0 0 3,300 16 0	8,54,203 0	11,007 0 0 1,100 14 0	4,501 10 0
Comparison.					
Total for corresponding week of provious year	8.5181	1,008 9 8 100 6 4	16,895 •	200 3 6 50 0 4	150 6 8
week of previous year Total to corresponding date of	205	39 0 8 3 18 1	603 16	17 13 10 1 15 8	5 18 9
bidajora kest	235,983	29,785 5 8 2,978 6 9	4,14,789 35	12,847 10 6 1,284 15 4	4,505 1 1

No. 4 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 24, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazzeez may receive the Supplement separately on payment of Six Rupecs per annum if delivered in Calcutta, or Twelve Rupecs if sent by Post.

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LOYALTY AND LIBERALITY OF NAWAB ABDOOL GUNNY, C.S.I., AND NAWAB AHSANOOLLAH OF DACCA.

POLITICAL-No. 208.

Calculta, the 17th January 1877.

From—R. L. Manoles, Esq., Officiating Secretary to the Government of Bengal, To—The Officiating Commissioner of the Dacca Division..

I AM directed to acknowledge the receipt of your letter No. S, dated the 6th instant, submitting a letter in original from Nawab Absancollah of Dacca, placing at the disposal of Government the sum of Rs. 20,000, on behalf of his father and himself, in commemoration of the assumption by Her Majesty of the title of Empress of India, to be expended on some permanent work of charity for the benefit of the inhabitants of that city.

2. In reply I am to request that you will be good enough to convey to Nawab Ahsanoollah, and to his father Nawab Abdool Gunny, c.s.i., the thanks of the Lieutenant-Governor for their very munificent gift to the town of Dacca. The manner in which these gentlemen have given expression to their feelings of loyalty on the present occasion is fully appreciated by the Government. Their acts of charity and of public-spirited liberality on behalf of their native city and the people generally have been already frequently acknowledged.

 $\hat{\varphi}_i(S)$

3. His Honor is pleased, in compliance with Nawab Ahsanoollah's request,

Judge of Dacca.

Collector of Dacca.

Civil Surgeon of Dacca.

Civil Surgeon of Dacca.

of considering how the money can best be expended in accordance with the wish of the donors. The result of the deliberations of the committee should be reported to Government for orders.

4. A copy of this correspondence will be published in the Calcutta Gazette.

No. 8, dated Dacca, the 6th January 1877.

From—F. B. Pracock, Esq., Offg. Commissioner of the Dacca Division, To—The Secretary to the Government of Bengal.

I have the honor to forward herewith, in original, the accompanying letter received on the 1st instant, from Khajah Ahsanoollah Khan Bahadoor, placing at the disposal of Government the sum of Rs. 20,000, in commemoration of the assumption by Her Majesty of the title of Empress of India, to be expended on some permanent work of charity for the benefit, without distinction of race or creed, of the inhabitants of this city.

- 2. Khajah Ahsanoollah wishes that the way in which this money should be spent should be left to a committee consisting of the Judge, the Collector, the Civil Surgeon, and myself; and I would beg that we be appointed a committee for this purpose.
- 3. Another instance is now added to the many that have preceded it of the munificence of Nawab Abdool Gunny and his son, to whom this city is already so much indebted, and I would ask that these papers, or so much of them as may be considered necessary, may be published in the Gazette.

Dated Dacca, the 1st January 1877.

From-Khajah Ahbanoollah Khan Bahadoor,

To-F. B. Peacock, Esq., Offg. Commissioner of the Dacca Division.

As a mark of our deep loyalty and allegiance to our gracious Sovereign, and in honor and commemoration of this auspicious day on which Her Imperial Majesty has been pleased to confer a very great honor on all her Indian subjects by assuming the high title of the Empress, both I and my respected father are very anxions to place the small sum of Rs. 20,000 at the disposal of the Government, humbly hoping that our prayers may be granted, and that a committee may be formed, comprising of the Commissioner, Judge, Collector, and the Civil Surgeon of Dacca for the time being, for the purpose of spending this money towards some charitable object of a permanent nature, which may serve as a lasting monument of this very auspicious day, and from which all classes of the inhabitants of this city may derive mutual benefit free of all costs and expenses. Should this our humble prayer meet with the sanction and approval of the Government, we shall indeed consider ourselves very highly honoured. Hoping to receive a favourable ar swer

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 20th January 1877.

:		District.	and d	ate of		Rainfull at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at dute.
ÅE	NGA	I Western	Diale	icts.			
	1	Burdwan,	Jan	. 22,4	77	-18	The rainfull at Culna has been 1:32, at Cutwa -7, at Bood-Bood -52, at Rancegunge -14, and at Jehannbad 1:51. Prospects of the crops continue good, and are improved by the late rainfull.
BURDWAY DITH.] 	Bankoora,	7,	20,	"	-28	Weather-Slight rain in the beginning of the week. The winter crops are doing well.
I SY	្ន	Beerbhoom,	••	21,	.,	-85	Weather-Seasonable. State and prospects of the crops continue good.
RDW	4	Midnapore,	••	20.	.,	-44	Weather-Fair and cold. State and prospects of the crops are good.
Ä	5	Hooghly,	••	20,	,,	Nil	Weather—('old; cloudy at intervals. The aman harvest is almost over. The spring crops are doing well. Vegetables are abundant, and are selling cheap in the bazar.
	Ĺ	Howrah,	••	20	19	-21	Weather—Seasonable. The crops are now off the ground, and there is nothing turther to report about them.
		Central .	Dietr	icts.		!	
DIVY.	6	24-Pergunnal	hs, Jaz	1.22,†	'77	05	Weather—Cold and cloudy mornings. The harvesting of the late rice is all but completed. The cold-weather crops are somewhat injured by the recent rain. Cholera is on the decrease.
PRESIDENCY DIVE	7	Nuddos,	Jan.	20,	",	-26	From half an inch to an inch of rain has fallen everywhere. The state and prospects of the crops are much the same as they were last week.
Presi	8	Jessore,	•	2(1,	**	-90	Weather - Sometimes cloudy. Rain in the early part of the week. The prospects of the crops and the actual outturn are good.
	L 9	Moorshedabad i	d. "	20,	••	-117	Weather—Rainy in the early part of the week. Since then the weather has been bright and seasonable. The amns paddy has been harvested with a good outturn. Prices are high owing to exportation. The spring crops are promising; they will benefit much by the recent rain.
	[]0	Dinagepore	•	••		···•••	Return not received.
	11	Maldah,	Jan.	20,	'77'	-29	Weather—Cool. Cloudy on the 13th and 14th instant, with slight rain on the latter day. The sky during the rest of the week was now and then covered with shreds of cloud, and the mornings were generally foggy. Wind blew from the north-east and north-west. The crops are in excellent condition. Thirty-nine deaths from cholera reported during the week.
ABYR DIVE.	12	Rajshahye,	•	20,	••	1.60	There has been plentiful rain throughout the district during the week. Except in Nattore, where the pulses are said to have suffered, the rain has done much good, the state of the rabbee crops being generally satisfactory. Cholera has almost disappeared. Some mortality among weak cattle is reported from the rain.
Валини	13	Rungpore,	,,	19.	• i	1.23	Weather—Cold and rainy. The rainfall at Guibanda has been 158, at Bagdogra 75, and at Kurigram 126. The prospects of the rabbee crops are good. The recent rain has much improved them. The kaimanta crops are being resped, and are giving bumper results.
	14	Bogra,	••	20,	,	-04	Weather - A little colder. State of the district is most prosperous. Sugarcane, mustard, pas (betel), and rice crops, are better than they have been for years. Other crops are also good.
1	15	Pubna,		2 0.		1-73	Wrather—Cold and seasonable. The harvesting of sugarcane, arker, and turmeric are going on. The rabbee crops continue good. These crops in the Scrajgunge sub-division are generally satisfactory.
	16	Durjoeling	••		j		Return not received.
COOCH BRHAN DIVE	17	Julpigoree,	Jan.	20, 1	77	Nil	Wenther—Cloudy, and cold in the mornings. The rain of last week has done much good throughout the district. Ploughing for early rice is also much facilitated.
C.00CH E		Couch Hehur.	r	18,	.	1.27	Weather—Cold. Cloudy on the 12th and 13th instant. There was a considerable full of rain on the night of the 12th. '90 is registered at Mckligunge, 10th at Dinhatta, and '13 at Mathabhanga. State and prospects of the crops are generally good. Rain has improved tobacco and mustard seed, and the outturn is now expected to be good. Fever is abating.

[•] Telegram of the 22nd January shows rainfall during the seven days immediately preceding.
† Report of the 22nd January shows rainfall during the seven days immediately preceding.

1	 No.	District an	d dat	e ami		Reinfell, et Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
					1	l — - i	
BE	N U A	L.—-(<i>Contd.</i>)					
	,	Eastern .	Distr	ic/s.			
			_				
	18	Dacca,	Jun.	22,*	777	Nil	Wenther—Sensonable. State of the crops is very good. The recent rain has done no lucin.
	19	Furreedpore,	"	20,	,,		Weather—Fine. '59 of rain is reported to have fallen at Madaripore. State and prospects of the crops are fair. There is less cholera in the district
DACCA DIVE.	20	Backergunge,	• ••	18,		-87	Rain fe'l on the 13th and 14th instant. The weather is still somewhat cloudy. The rice harvest has now been completed. There is no information as to the outturn beyond that previously reported. Cholera is still very prevalent, but it is hoped the recent rain will check the epidemic. The Civil Surgeon has been absent during the past week on a tour through the cholera-stricken tracts and has not yet come back.
	21	Mymensingh,	••	19,		1.62	There was rain on the 12th, 13th, and 14th instant, followed by a fall of temperature. The rain has improved the prospects of the crops.
į	22	Tipperah,	••	19.		•55	The last rain has been rather unseasonable, and luckily the winter rice had been harvested before it. The cold-weather crops are in good condition.
	28	Chittagong,	,,	18,	••	-06	Weather Very cloudy in the first part of the week; latterly cool. The cold- weather crops promise well. Cholera is still raging in every part of the district except in the south.
CHITTAGONG DIVE.	24	Nonkholly,	••	18,	•	·71	Weather—Slight drizzling rain from the evening of the 12th to the 14th instant; since then the nights and mornings have been very cold; but the midday temperature was higher on the 17th,—it rose up to 78°, while on the previous day it stood at 70°. The aman crops are nearly respect. These crops in the inundated tracts have suffered much. Experiation of rice is going on, and there is a rise in its price. Cholera still prevails, and small-pox is reported to have broken out in a certain part of the inundated tracts.
CHI	25	Chittagong F Tracts,	fill "	16,	••	-25	Weather-Cloudy on the 13th and 14th. Mustard is ripening. Tobacco plants are thriving well. Cholera has broken out in almost every part of the district.
BE	HAR	Hill Tipperal	ı, "	17.	1,	1.15	WeatherUnsettled; cloudy, followed by foggy mornings. State and prospects of the crops continue satisfactory.
		Putna,	Jan	ı. 22,°	'77	-04	Weather—Partly cloudy and partly clear. Prospects of the rubbee crops continue favorable. Health of the district is generally good.
	27	(lya,	••	20,	••	-29	Weather Cold since rainfull; cloudy and close before. More indications of rain working up. The rain has done good, and prospects are very satisfactory.
1	28	Shahabad.	••	20,	••	1.09	Weather—Cloudy and cool. The rain has benefited the cubber crops, but if the weather is not soon cleared off they will be injured.
ا	29	Durbhungs,	,	20,	"	-11	Weather—Cloudy and very cold. The late rain has done much good to the rabber crops. Lands are now being prepared for sowing moong pulse and china millet. The hall-storm in parts of the Madhulgory sub-division has done some injury to the tobacco crop.
Patsa Dive.	30	Mozufferpore	• ,,	20,	**	-68	Weather—Cold and occasionally cloudy. The prospects of the crops remain unchanged. In the Hajerpore sub-division raker has been somewhat, but not considerably, damaged by the wind. In Sectamorhee the outturn of aglassi rice is reported to have been between 10 and 12 unuss.
-	31	Sarun,		20,	**	Nil	Weather.—Cloudy and cold, with intervals of sunshine. Mornings generally foggy. The sky appears still unsettled. The recent heavy rain has been throughout the district. It has been 3:28 inches at Sewan, and 2:31 inches up to 12th instant at Gopalguage. The apprehension of injury to the crops from continual rain has passed away. The prospects are excellent throughout the district, and a bumper crop is anticipated. There has not been such a magnificent crop for some years past. The opium is most flourishing, and the late rain will have increased the value of the yield by some hundreds of thousands sterling. Prices have fallen. General health is good.
	(; 32	Chumparun,	••	, 20,	•	-94	Weather—Henvy dues, and more rain is probable. Prospects of the crops are very favorable.
_	38	Mongbyr,	**	20,	'77	-02	Weather—Fair. 185 of rain is reported to have fallen at Jamui. The prospects of the crops continue good.
Busatitore Dive.	34	l Bhagulpore,	**	22,0	٠,,	-12	Weather—Cold, damp, raw, cloudy, and foggy. The total minfall at Mudeh-poorah is 1-40, at Banka 1-77, and at Scopole since last report 50. Bright sunshine is much needed. Prices are rising owing to exportation. In Scopole the exportation of rice is going on briskly, and there is every sign of plonty. General health is very good; only a few cases of small-pox in East Panka.
Вилот	35	S Purneah,	**	20,	,,	-49	Wenther—Cold and cloudy. '99 of rain fell at Kissengunge. State and prospects of the crops are very favorable.
] . W: :W	Southal Perc	-hu	21.		-17	Wenther-Cold, with form State and prospects of the crops are excellent.

^{*} Telegrams of the 22ml January show rainfall during the seven days immediately preceding.

3

1	No.	District, and date of return.	Rainfall at Sudder Station is inches.	Character of the weather, state and prospects of the crops, and
OR	AERI	•	1	
(37	Cuttack		Return not received.
ORIGGA DIVY.	38	Pooree, Jan. 18, *	77 -04	Weather—Cloudy for many days of the week. 159 inches of rain fell in the Khoordah sub-division. The sared paddy is nearly all harvested. The carly dalus crop is progressing, but requires more rain. Mustard is being harvested, but the outturn is very poor. The state of other crops is good. The exportation of rice is still going on, though somewhat diminished, partly owing, as the Collector is informed, to the fall of prices in Madras.
Į	3 9	Ralasore 19.	. 99	Weather—Generally cloudy; slight rain on the 12th and 13th instant. The sarnd rice is all cut except in one or two places. The cold-weather crops are doing well, and are nearly ripe in places.
CH	ATC	Nagpore.		
		South-West Frontier Agency		
	40	Huzarechagh, Jun. 19, "	7 1.49	Weather—Cloudy, and rather warmer than usual Several showers of rain. The state and prospects of the crops are satisfactory. Itain has done much good.
	4]	kohurduggu, ". 20. "	2-03	There was heavy rain on the 13th instant, and again on the 16th accompanied by much wind and thunder. The rain at Palamow is registered 35 of an inch. The weather is still very cloudy, and the barometer very unsteady. The prospects of the crops are excellent. General health is good.
	42	i Singbheem, ., 19. , :	1:40	Weather—Seasonable. The prospects of wheat and pulses continue good.
	43	Manbhoom. "20 ,	-61	Weather—Semonable. Want little to report about the crops is good.

Published for general information.

H. J. S. Cotton,

Jr. Secy. to the Govt. of Bengal.

Calguita, Statistical Dept., The 23rd January 1877.

PRICES-CURRENT of Food-grains and Salt in the undermon

Line	232'77 7.	 					··											QUA	NTITII	es PRI	RUP
			Wns	AT.		Варьку		Rici	к, вкат	50 KT,	l Ric	E, COM	MON.		BOO, B			т Мис См. Ј		RAGT	R MIL OR M
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A In the interior the prices range as follow:—Wheat 13-5 to 17 seers, barley 34 seers, best rice 14 to 21-8 seers, common rice 16 to 22-8 seers, and gram 13-5 to 2 seers, but rice 20 to 26 seers, common rice 22 to 28 seers, make 34 to 3 gram 15 to 22 seers.

O In the interior the tries arrange as follow:—Wheat 15 to 22-8 seers, best rice 15 to 22 seers, common rice 22 to 20 seers, make 34 to 3 gram 15 to 22 seers, and gram 16 to 20 seers.

O In the interior the prices range as follow:—Wheat 15 to 22-8 seers, barley 16 to 39 seers, best rice 10 to 11 seers, common rice 16 to 18 seers, and gram 14-8 to 23 seers.

In the interior the prices range as follow:—Wheat 13-6 to 14-4 seers, barley 22-8 to 20 seers, best rice 8 to 10 seers, common rice 13-4 to 20 seers, and gram 16 to 17-18 the interior the prices range as follow:—Wheat 8 to 14 seers, best rice 12 to 29 seers, common rice 10 to 26 seers, and gram 15 to 26-8 seers.

In the interior the prices range as follow:—Wheat 8 to 14 seers, best rice 16 to 19-8 seers, common rice 20 to 21 seers, and gram 21 to 26 seers.

In the interior the prices range as follow:—Wheat 18 to 19 seers, barley 30 to 28 seers, best rice 16 to 19-8 seers, common rice 20 to 21 seers, and gram 21 to 26 see

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H In the interior the prices range as follow:—Wheat 22-8 to 23 seers, lest rice 16 to 20 seers, common rice 20 to 22-8 seers, and grain 18 seers.

I in the Seriginage sub-division the prices are as follow:—Wheat 20 seers, best rice 13 seers, common rice 24 seers, and grain 14 seers.

J in the interior the prices range as follow:—Wheat 8 seers, larley 10 to 13 seers, best rice 6 to 14 seers, common rice 12 to 22 seers, lessers maked to 40 seers, and grain 10 to 16 seers.

K in the interior the prices are as follow:—Wheat 10-6 to 20 seers, best rice 0 to 14 seers, common rice 26 to 23 seers, and grain 13 to 16 seers.

In the interior the prices range as follow:—Wheat 22 seers, barley 46 seers, best rice 14 to 20 seers, common rice 26 to 23 seers, and grain 32-8 seers.

M in the interior the prices range as follow:—Wheat 25 seers, barley 40 seers, barl rice 12 to 15 seers, common rice 18 to 24 seers, and grain 16 to 18 seers.

N in the interior the prices range as follow:—Beat rice 14 to 18 seers, common rice 25 to 36 seers, and grain 10 to 12 seers.

In the interior the prices range as follow:—Wheat 17 to 25 seers, bust rice 18 to 22-13 seers, common rice 25 to 28 seers, and grain 12 to 17 seers.

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CALCUTTA,

Return not received.
In the interior the prices range as follow — thest rue 13 to 20 seers, barley 23 to 35 seers, common rice 21 seers, lesser millets 40 seers, maize 35 seers, and gram 19 to 22-8 seers.
In the interior the prices are as follow: — Wheat 21 seers barley 28 seers, best rice 14 seers, common rice 21 seers, and gram 28 seers.
In Bhaboosa the prices are as follow: — Wheat 16 to 17 seers, barley 30 to 35 seers, best rue 12 to 26 seers, and gram 28 seers, lesser millets 35 to 36 seers, maize 37-6 to 40 seers, and gram 18 to 23 seers, barley 20 to 35 seers, best rue 12 to 26 seers, common rice 10 to 27 seers, lesser millets 35 to 36 seers.
In the interior the prices range as follow: — Wheat 18 to 20 seers, barley 27 to 30 seers, bast rice 14 to 26-1 seers, common rice 10 to 27-8 seers, lesser millets 25 to 50 seers.
In the interior the prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 22 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 22 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 22 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 22 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 22 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 22 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, barley 26 to 38 seers, best rice 14 to 18 seers, common rice 27 to 26-8 seers, lesser millets 36 to 46 prices range as follow: — Wheat 17 to 23 seers, best rice 14 to 26 seers, lesser millets 36 to 46 prices range as follow: — Wheat 1

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0	13 8	35 0	122	o	23	0	27	.,	110 (· ji e	, o	110 (H	U	g	8	7 8		. N		! * *		; ! •	<u>.</u> j	1 0	! : .*	 	 6 0	ļ _"		a .	Mozufi	rrpore.
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16	31 0	 ::7 15	17	11	17	1:	::7	12	157 1	15	U	1.57	12 ¹ 4	13	: [8]	រេះ ៉ុំ	8 3	} i 🗀		2 L	•	2 13 10 10	· te	٠:	4 3 10	1	.,	5 10 10 9 6	7	. !	to		alpore.
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.			15	12	51	υ	23	IU :	125 0	123	0	ton (13	2	13	2	3 (3	e	3	<u>, </u>	12		0	5 /	"	0 0	(1) 1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1) 13 (1)	3	0	3 0) Postee.	
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0	33 n	36 C	10	0	2;	4	: 27	0	2ju () jan	0 0	210 () i 8	0	8	0 -	7 8	4	U	1	v	ιο	: ! 5	o l	5 0	ñ	0	. 5. 0 . 5. 4.	. ห 	0	ь и 5 ··	Hazar	ering is
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	10 O	36 0	16	U	16	U	20	U	160	0.16) U	200	0 8	o	8	0	8 (, 3	8	3	в I	8	5		5 0	1 5	0	7 ×	; ;	N	7 H	. Manba	ter trang in 1 rekta grade 1 ri i resta 1 ris sesta
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to 20 sects.

In the Khordah sub-division the prices are as follow:—Best rice 17-1 sects, common rice 19-6 sects, and grain 17-1 sects.

In the Khordah sub-division the prices are as follow:—Wheat 16 to 18 sects, barky 25 to 30 sects, best rice 12 sects, common rice 20 to 26-8 sects, lesser millets 45 to 50 sects, maisright 35 sects, and grain 16 to 18 sects.

In the 12-sects, common rice 21 to 32 sects, and grain 13 to 18 sects.

In the 12-sects, common rice 21 to 32 sects, and grain 13 to 18 sects.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

Divisions.	Diari	DISTRICTS. STATIONS.		Rain from 1st to 6th January 1877.	Rain from 7th to 13th January 1577.	JA	PROM 187 NUARY 1877. Up to date	Remares.			
<u>=</u>	<u>!</u>	<u>-</u>					<u>2</u> = ~	& ~ ~ ~		1	": T
BE.	NGAL.							7]	1877.	
	WESTERN	i)1×T	ricta.				Inches.	Inches.		1877.	j
			ŗ	Burdwan Cutwa	 		Nil ditto	0°21 0 45	0°24 0°45	13th Jan.	i !
r	Burdwan		∤	Culna Bood-Bood	••	•••	ditto	0.70	0.70	ditto	į
i			ł	Hancogunge	•••		ditto	0.05	0.53	ditto ditto	
١	<u> </u>			Jehanabad	•••	•••	ditto	0 37	0.37	ditto	i i
ı	Bankoora	•••		Bankoora		•••	ditto	0-21	0.24	ditto	
. 1	Beerbhoom		}	Sooree Hetampore		•••	ditto ditto	2:31 1:96	2:31 1:96	ditto ditto	! :
	ļ		•	Roypore		•••	ditto	1.02	1.03	ditto	
ĺ			- 1	Midnapore Tumlook	***	•••	ditto	1.37	1:37	ditto	Not rec. 1st to 6th Jan.
	Midnapore	•••	{	(ihattal			Not rec. Nil	1::15	1·72 1·35	ditto	: : ! rest left tor 10 oft 3 mg'
ļ	}		1	Contai 2		Office	ditto	0.07	0.62	ditto	į
	Hooghly		{	Hooghly	Engt.	's Office 	ditto ditto	Not rev. 1 05	Nil 1:05	6th Jan. 13th Jan.	İ
I		•••	۳.	Serampore	•••	•••	ditto	1.10	1.10	ditto	• •
į	Howrah	•••	{	Howrah Maheshrekha	•••		ditto ditto	Not rec.	1·15 Nil	ditto Gth Jan.	!
	('ENTRAL I)INTR	ICTS.							İ	
				Sangor Island Calcutta			ditto ditto	2-00	2°00 1°94	13th Jun.	
	ł			Alipore { Dispo	ensary		ditto	i-93 1-86	1:83 1:86	ditto ditto	!
			ļ	linmeerhat	•••	·•·	ditto ditto	1.21	1.24	ditto	I
ſ	24-Pergunni	1 110	{	Paraset Diamond Harbo	DIIP	•••	ditto ditto	1:27 1:27	1°27 1°27	ditto di!to	i
l	Ì		ı	Barripore Satkhira	·•·		ditto ditto	2.02 0.20	0.20 3.02	ditto ditto	! !
L			- 11	Barrackpore	•••		ditto	1.09	1.00	ditto	
ı			Ì	Dum-Dum Kishnaghur		:::	ditto ditto	1.13	1·12 0·15	ditto ditto	
	Nudden		j	Rongong Meherpore	•••		ditto ditto	1.05 C-30	1:05 ():30	ditto ditto	
I	47 MAIOTH	•••	1	('hooadanga Kooshtea	•••	•••	ditto ditto	U-57 U-36	U 57 U 36	ditto ditto	
1			į	Ranaghat			ditto	142	1:02	ditto	
}			- 11	Joseph Nurrail	•••		ditto ditto	0°85 0°78	0°85 0°78	ditto ditto	
	Jenuare	•••	{∤	Khoolna Jhenida	•••	::	ditto ditto	1.01 0.50	1:01 0:50	ditto ditto	
			11	Bagirhat Magoorah			ditto	1.20	1.50	ditto ditto	
I		٠.	ſ	Berhampore	••	:::	ditto ditto	1:07	1:17	ditto	
		ί,]]	Rampore Haut Lallbagh	···	=	ditto ditto	1:87 1:86	1'*7 1'80	ditto ditto	
4	M oorshedaba	d /	·::1¦	Jungypore Azımgunge		· [ditto disto	2.43	2·62 1·96	ditto ditto	
			- !}	Laligolia Kandee	•••		ditto	2.×2	5.69	ditto	
			اہ	_	•••		ditto	1:30	1:30	ditto :	
r	Dinagepore	•••	₩ }	l).ungepore Raigunge	•••		ditto ditto	1:30 1:44	1·20 j·44	ditto di tto	
H	Al aldab	•••	{	Maidah Chanchal		:	ditto ditto	1:63	1 63 j	ditto	
۱	Rajahahye	•••	{	liauleuh Nattore			ditto ditto	j·71 240	1.74 2.00	ditto :	
ا			ſ	Rangpore			ditto	0.81	0.81	ditto	
1	Rungpore		{}	Bhowanigunge Kurigram			ditto ditto	1:58 1:26	1:54 1:36	ditto	•
١			Į.	Bagdogra Bogra	• •		ditto ditto	0.73 1.19	073	ditto	
	Hogra		{]	Sherpore	•••		ditto	1.46	1:45	ditto	
i			IJ	Panchbibi	•••		ditto	1.00	1700	ditto	
	Pulma	•••	{	Pubna Serajgunge			ditto ditto	1.03	80°1	dirto ditto	
			- 1		 ezraeb	Office	ditto	Not rec.	Nil	onto	
	l'arjeeling		•••	Darjoeling { Tel	spiral		ditto	1.35	1.35	13th Jan.	
				Julpigoree Boda			ditto ditto	0 97 0 82	0°07 0°62	ditto ditto	
1	Julpigorre	•••	{	Buza—Civil Sur	rgeun's	- (ditto	0.03	0'63	ditto	
H	Cooch Behår	_	U	Titalya	•••		ditto	1.80	1.80	ditto	
,		-									

	Districts.	STATIONS.			tain from 1st to 6th January 1877.	Rain from 7th to 18th January 1877.	JA	PROM 1sr HUARY 1877.	Remarks.
į					Rain to 60	Rain f 18th 1877.	Inches.	Up to date	-!
	BRNGAL.—(Cloubing	ed)						İ	
	KASTERN DISTRIC	ota.			Inches	. Inches.		1876.	
		ſ	Dacca { Tel	ograph Office	Nil Not rec	Not rec.	N:1 0:32	i 6th Jan. 13th Jan.	
	Dacca	-{	Moonsheegung Manickgunge	•	ditto	0°58 0°41	0°58	ditto	Ditto ditto. Ditto ditto.
د	Furraedpore	{	Furreedpore Goalundo		ditto	0.39	0.35	ditto	
DACCA.	}	ſ	Madaripore Hurrisai Perozapore		ditto	0°54 0°71 0°79	0.54 0.71 0.79	ditto	
		{	Patooakhaliy Dowlutkhan	,,	ditto	Nil	075 Nil		Not rec. 12th and 13th Jan.
	Mymensingh	{	Mymensingh Jamalpore Atia Kishoregunge	11. 10 12	ditto	1:62 1:10 0:17 1:00	1:62 1:40 0:47 1:00	ditto	
	('hittagong	{	Chittagong []	Telegraph Office	ditto	Nil ditto	Nil ditt	ditto ditto	;
940	11	{	Cox's Bagar Noakholly Fenny		ditto	ditto 0-65	ditto 0°50 0°65	ditto ditto ditto	
URITTAGONG.	Typperah	{	Comillah Brahmunharia		ditto	0°18 0°76	0°18 0°76	ditto ditto	
5	Chittagong Hill Tr	1	Rungamates I		1	0.40	0.40	ditto	<u> </u>
	[Hill Topperah	•••	Hill Tipperab	•••	ditto	0.39	0.38	ditto	
BK	HAK.	را	l'aina	40	ditto	1:37	1:37	ditto	
ļ	(: Patna	{	Hehar Barb Dinapore \$	Jail	ditto ditto ditto ditto	1:86 6:95 1:20 1:30	1:36 0:95 1:20 1:20	ditta dirto ditto ditto	
	Gys .	}	Gya Nowadah Arungabad Jehanabad	•••	ditto ditto ditto ditto	0:40 1:11 Nil 0:73	0°40 1°11 Nil 0°72	ditto ditto ditto ditro	Not rec. 12th Jan.
		- }	Arrah Sameram Huzar Bhubooab		ditto Not rec. ditto Nil	2:33 0:12 2:48 1:90	1.00 5.68 0.43 3.33	ditto ditto ditto ditto	Not rec. 1st to 6th Jun. Ditto ditto.
PATTA.	Moznfferpore	₹1	Mozufferpore Hajerpore Seetamurhee		ditto ditto ditto	1·62 1·71 1·63	1·62 1·7 t 1·63	ditto ditto ditto	
	Durhhunga	-311	Durbhunga Mndhoobunnee Lajpore		ditto ditto ditto	1:93 1:19 2:06	1°93 1°19 2°05	ditto ditto ditto	ľ
İ	Nurun	-31	Chupra lewan	•••	ditto	3·00 3·29	3-22 2-00	ditto .	
Į	Chumparun	5 2	Motiharee Bettiah		ditto ditto	2.05 3.30	3.90 3.90	ditto ditto	
ſ	Monghyr	. } J	Monghyr Jegoo Serai Ismoose	-40 -0	ditto ditto ditto	0.79 1.03 1.00	0-79 1-03 1-00	ditto ditto datto	
PORB.		.{ §	Shagulpore copool Suddehpoora Sanka onbursa		ditto ditto ditto ditto	1:00 0:75 1:30 1:68	1:09 0:75 1:30 1:68	ditto ditto ditto ditto	
BEAGULPORN.	Purn eah	{ F R	urnesh swengunge	••• •••	ditto ditto	0.40 0.86	0.49 0.40	ditto ditto ditto	
		1.	rrareah ya Doomka		ditto ditto	2780	0195 2180	ditto	
	Southel Pergunnaha	П	ajmahal		ditto	Nil	Mil	ditto	
• 1	all annuals		eoghur		ditto	ditto	ditto	ditto	
		40	odda .		ditto	ditto	ditto	ditto	

TOTE.	Diez	Blots		BTA1	r10 718.		n from 1st fith January 77.	from 7th to h January 7.	JA	FROM 167 HUARY 1877.	ken4re.
DIVISIONS							Rain fi to 6th 1577.	Rain fr 13th 1877.	Inches.	Up to date.	
RJ	HHA.						Inches.	luches.		1877.	
- 1	į		ſ	Cuttack T	olegraph ()fice	Nil	0.30	0:20	13th Jan.	
-	j		ļ		oupita!		ditto	0.3	0.30	ditto	
•	Cuttack			Jajpore Kendraparah	••	•••	ditto	1.50	1.90	ditto ditto	
i!		***	٩	Jakaranale.ce		•	1.4.	1.40	1.10	ditto	
١	!		j	1	•••	•	1	1	}	1	
H	1		•	False Coint	•••		ditto	0.20	0.50	ditto	
П			•	l'oures			ditto	Nil	Nil	ditto	
{	l'um re	•••	 {	Khurdah		•••	ditto	1.46	1.46	ditto	
1			•	. cr	te. Bugt.'s	()m	ditto	1.00	1.00	ditto	
I,			- 1	Balasore } Co	llector's	Office	ditto	0.88	0.00	ditto	
1	Kalawre			Bhadrack			ditto	1איט	0.1	ditto	
11		•••	≺	Jellasore	•••		ditto	1.12	1.17	ditto	
ħ	i		1	Sorat	•	-00	ditto	(125	0.52	ditto	
			ι	Chandbally	•••	•••	ditto	ひなり	0.70	ditto	
Ų	iutteck 7 rim	atery !	Mabalr	Mumbalpore	••		ditto	1-24	1-24	ditto	
ĺ	CHOTA N	AGP	ORR.					1			
1	N-RTJO						į	i i			
- 1	FRONTIER	Aun	MCT.				ļ.	1 1		l i	
- {				Hasarestagb	Jail		ditto	1:30	1.39	ditto	
İ	Hazarerbagh	b	{	TTWVELOWINEED	{ Dispens		ditto	1.12	1.12	ditto	
į			(Pachumba		••	ditto	1.33	1:32	ditto	
-				Rancher			ditto	9-14	2.14	6th Jan.	
1	Loberdugge	•••	₹	l'alamow	***	***	ditt.	015	0.12	ditto	
١	*ingbhoom			Chvebasea			ditto	1.13	1.13	13th Jan.	
1	iuknimom	•••	•••		•••	••					
1	M an bhoom		{	Purnish	***	••	ditto ditto	3.40 0.56	0.26	ditto	
1			(Govind pore	•••		i	200	3.60	ditto	
1	A & MARRA 1111	ĮŅ A	UKNT								
Ì	Sylhet	_		Secultiva A			! !				
	og iure	•••		Sylbet	•••	•••	ditto	0 88	0.88	ditto	
ł			d	Sechsauger	40-		ditto	Not reed.	Nil	6th Jan.	
!			- 11	Golagha: Jorenau	10-	•••	ditto	ditto	ditto	ditto	
			- []	Jorennu Despante	••		Not rec.	ditto			
Ì١	Seebaugor		{	Hatticpootie			ditto ditto	ditto			
ł		-30	~~ }	Mazengah			ditto	ditto			
1			- 11	Nazestan		•	ditto	ditto			
1			- 1	Suutock			ditto	ditto		"	
			L,	Caeriaco	••		datto	ditto		···· ;	_
			}	Akyab		••• 1	Nil	Nil ⁱ	xa !	läth Jan.	•
•											

CALCUTTA,
The 20th Junuary 1877.

John Elliott, M.A.,

Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 14th to 20th January 1877.

			Barometer	Baromete	Тинки	OWRTER.	<u>.</u> 28	Wini		<u></u> -		· · - · - · -	
NIATIONS.	Dute.	Hour.	reduced to 32".	raduced to sen- level,	Dry.	West	Humidiry Sat.=100.	Direction.	Valueity.	Rain.	Clouds.	Wenther mitigis.	
CARCUTA.	Jan. 14th 15th 16th 17th 18th 20th	10 16 10 16 10 16 10 16 10 16 10	30°161 30°242 30°142 30°142 30°176 30°126 30°124 30°14 30°14 30°14 30°161	30194 30110 30261 3 2101 30320 30195 30270 30155 30295 302134 30267 30133 30200 30070	61-0 00-8 05-2 71-0 05-5 03-5 03-0 73-0 90-2 70-5 70-5 70-5 70-5	02-5 64-0 61-8 63-0 63-0 63-0 64-0 64-0 64-8 05-2 61-0 62-5	92 86 80 80 67 74 67 74 67 73 71	NE N N N N N N N N N N N N N N N N N N	7'0 0'7 6'1 6'9 8'4 4'8 3'1 5'5 2'1 7'5 3'3 4'9	0.00	C, CS CK CK CS CS CS CS		
SAUGOR ISLAND	I Jan. 1 Hh 15th 10th 17th 18th 18th 19th	10 16 10 16 10 16 10 16 10 16 10 16	30°151 30°162 30°122 30°123 30°146 30°211 30°117 30°123 30°111 30°123 30°131 30°131	30-157 30-188 30-287 30-128 30-128 30-152 30-127 30-123 30-124 30-126 30-127 30-167	70 00 73 08 73 09 71 70 70 71 73 73	65 66 67 65 65 65 66 62 67	95 80 79 74 67 80 75 61 97 54	N N E N E N	7:4 14:1 5:1 14:0 6:1 0:6 4:8 7:0 8:1 7:1 12:5 7:9 8:1	0-20	PK PCS CS CS CS CS CS CS CS CS CS CS CS CS C	f. a, v, p. b, v, f. b, v, f. b, v, f. b, v. f. b, b, c. b, b, c.	
CHITTAGUSG.	Jan. 14th 15th 16th 17th 18th 18th 19th	10	30-014 30-114 30-118 30-113 30-111 30-010 30-118 30-013 30-124 30-009 30-009 30-009 30-009 30-009	30:140 30:111 30:213 30:117 30:218 30:107 30:206 30:2104 30:219 30:216 30:216 30:102 30:130 29:000	70 71 75 69 76 70 77 70 70 70 70	68 67 68 68 68 70 64 64 68	95 80 68 80 68 80 75 64 75 40 70 41	ENR Caim. NE WNW ENE WN NE NNE NNW NNE ENW NNE ENW	4*4 6*9 6*9 6*0 6*7 0*9 6*1 3*8 4*7 3*5 4*7		C K C, CS C		
Napras,	. 19:4	10 16 10 18 10 10 16 10 16 10 16 10 16	300-80 20057 30078 2007 1 30018 30019 30019 30010 30010 30010 30015 30015 30015 30015 30015	30°103°20°300 20°101°20°141°30°155°5°168°50°171°30°171°30°171°30°173°30°30°30°30°30°30°30°30°30°30°30°30°30	88	76 74 77 74 74 74 74 74 74 74 77 77 71	67 78 71 78 67 67 67 62 63 63 63 50 47	S E by E S E S to y E S E by E S E by S E by S E by S E by N E by N E by N E N E N E by E	7 12 9 13 7 10 8 12 10 11 12 12 12			vloudy. c t t t t t t t t t t t t t t t t t t	
C'UTIACE.	Jau. 14: h 15th 16th 17th 18th 19th 20th	10 10 10 10 10 10 10 10	305 50 2075-1 00 171 00 171 00 057 30 051 30 054 30 054 30 158 30 158 30 158 30 158 30 158	30144 30044 30045 30141 30148 30147 30265 50107 50248 30142 30140 30140 30140	78 70 70 70 70 70 70 70 81 73 81 73	69 68 63 65 61 61 62 67 63 68 65 66 63	81 54 68 69 45 40 61 61 62 63 64 65 66	N N N E N E N E N E N E N E W N N E E N E	270 373 473 473 372 277 277 278 179 179 373		PK. C PK, C PK, C PK, C PC C C C C C C C C C C C C C C C C C	" " " " " " " " " " " " " " " " " " "	
AKTAB.	Jan. 14th 15th 16th 17th 18th 18th 18th	10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 16	30130 30189 30189 30189 30127 30123 30133 3014 3014 3014 3014 3018 3018 3018 3018 3018 3018 3018	30 101 30 111 30 211 30 211 30 219 30 145 30 146 3 0187 30 164 30 164 30 164 30 164 30 164	74 78 76 78 76 76 76 76 78 76 76 77 80 77	70 70 70 70 70 69 72 60 71 69 70 67 71 68 69	81 65 73 65 72 70 81 70 81 62 63	E N K N K N W N E W N W N W N W N W	1:0 3:3 1:9 4:1 1:5 3:8 2:0 6:1 8:0 5:5 1:5 6:3 3:1		CR	y	

Calcutta. The 20th January 1877. JOHN ELLIOTT, M.A., Meteorological Reporter to tive Government of Bengul.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 15th to 21st January 1877.

	1.0-77	 	: •	·					- -			******			
	 		Тих	BROWI	TER.			dew-	idity.	Wı	FD.				
Mouth.	Date.	Mean reduced barometer.	Highest reading.	Lowest reading.	Max. solar radia- tion.	Mean dry balb.	iet dry		Mean degree of humidity.	Prevailing direction.	Max. preseure.	Daily relocity.	Kain.	Moon's phases.	General Remarks.
		Inches.	0	ဂ	n	0	O	0			В	Miles.	In.		
Jan.	15th	30.176	79.0	57.6		64.3	00-8	67:7	0.80	NbyE		141.3			Clear and cirri. Slightly
i	16:h	-219	70° 5	60.2		c4:3	61.1	68 -9	-82	N by K & N		191-2	0.03		forgy at 8 & 9 p.m. Overcast, countloni, and clear. Slightly forgy
	17th	188	73-8	59·3		65'8	823	5 - Qa	-81	N by E, N W & N N		70°1			at 7 and 8 P.S. Slight rain at 6 & 101 A.S. Clear and cirri. Foggy from 5 to 7 A M.
	18tb	·171	77.0	00.2	128'3	68.1	63-8	60-4	.78	NNWAN		79.0			Clear, cirri. and cirros- trati. Slightly foggy
	19th	·172	77:4	62:0	129-0	68.7	08:4	50-2	-78	N& N by W		GH-O			from 8 to 11 r.m. Clear and cirri slightly foggy at midnight and
	20th	-118	740	60.6	120.7	6.99	61.3	56-6	-71	NANW		108.2	•••		1 A.w. Clear, cirri and cirros- trati and overcost.
!	21st	-009	75-4	9.69	127-8	67:0	61.8	50.7	-71	N W		130-8			Chiefly cirri. Slightly foggy at 10 & 11 P.m.
:					•	l	1	1	1	1	1	1	1	1	l e

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days The maximum temperature during the past seven days The maximum temperature during the corresponding period of the past year The mean humidity during the past seven days The mean humidity during the corresponding period of the past year	•••	19·9 77·4 82·0 0·77 0·65
The total fall of rain from 15th to 21st {by lower rain-gauge by anemometer gauge Ditto ditto ditto, average of twenty-three previous years Ditto ditto between the 1st and 21st January Ditto ditto ditto, average of twenty-three previous years	•••	1nches. 0-03 0-01 0-06 2-03 0-18

The 22nd January 1877.

GOPERNAUTH SER. In charge of the Observatory.

PUBLIC WORKS DEPARTMENT, -BENGAL.

Statement showing heights over mean sea-level and low water on Rivers Ganges, Bhagiruthee, and Brahmapootra during the month of December 1876. GENERAL ESTABLISHMENT.—No. 18.—The 23rd January 1877.

j	Rampore Bauleah. Goalundo.	-06	-ded a ള ങന് വുദ്ധു	Heicht o over men	++++++++++++++++++++++++++++++++++++++
		.106	From Benseres	Height of gauge.	
	pore Baules		-पंशाबद्ध धालांप		
	Ramp	-12f	From Benapes	Height n over 2-70 of gruse.	
	Sahebat.nge.	.56	Prom Monghyr	Height over menn sea-level.	はなかのです。 ではないまたないできたいのできるのであるとはないというというというにはいいにはいいにはいいにはないといいというにはないというにはないというというというというというというというというというというというというという
	*ahe	1545	พาสมาป์ เมษาใ	Height over zero of grange.	TELEGISTICS TOUGHT SEEDS SEEDS
RITER GANGES	Meneter.	-110-	rioganti mori	Height over mein sendived	2011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
RITER	Men	.54	श्रमकाली व्यक्त	Heicht crer	\$2255884888588885555558 825248
	bore.	-4R	vazuli morfi	Height over unan sea-ievel.	23222222222222222222222222222222222222
	Dinapore.	.441	क्ष्मद्वाधी वाणभ	Height over zero: or of gauge.	25858235835835844444541595 C58585
	ا - · - · ا ا	A.d		Height :]	
	Russr	.del	sermoll mort	leicht r zero gauge.	85-158425889481511111111111111111111111111111111
	ا. ــ. ا			icht B nican ove level, of	
	Berare.			Height Heicht over mean of gauge. sea-level.	

J. E. T. NICOLLS, Col., B.E., Secy. to the Gort. of Bengal, P. W. Department.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for first 13 days of January 1877, on 1.279; miles open.

			······································		 . 	· · · · · · · · · · · · · · · · · · ·				
:	•	COACHING TRAI	TIC.	Менспаны	REALIM CAY ER		TRAIR MILES RUK.			
	No. of passen- gors.	Conching	receipte.	Weight enried.	Reco	ipts.	Total Trappic Recripts.	Coach- ing.	Merchan- dise.	Total.
		ks. A. P.	£ a. d.	Mds. Brs.	Rs. A. P.	£ s. d.	ks. A. P.	i		
Total traffic for 13 days Or per mule of	337,670	6,39,516 1 9	59,530 12 11	24,76,022 30	9,66,953 2 6	85,047 7 5	15,99,449 4.3	107.0674	192,161)	발제, 항단
railway For previous		494 15 0	45 34 9	******	750 14 3	69 16 7	1,240 18 a			•
half-year		.,	,,		•					
Total for the period	337,070	6.34,516 1 p	58,530 12 11	21,74,022 30	p,(m,953 2 6	85,087 7 B	15,09,60 4 5	107,007].	192,1641	200,23%
Comparison.									:	
Total for corre- aponding first 15 days of previous										
year Per mile of railway, cor-	261,403	6,13,291 2 4	5G,219 7 1	19,18,086 30	E 21 3to,ot,x	76,687 12 5	14,43,337 14 7	116,247	163,925	270,175
period of ore- vious year Total to corre- s p o n d t n s		479 8 8	43 18 7	******	648 V 7	59 9 1	1,127 15 3			*** ***
date of pre-	264,486	0,13,291 2 4	56,218 7 1	19,18,086 30	8,30,016 12 a	76,087 12 6	 14,43,337 14 7.	116,247	185,925	270,172

EAST INDIAN RAILWAY- JUBBULPORE LINE.

Approximate Return of Traffic for first 13 days of January 1877, on 2234 miles open.

		 .				· 		
Total traffic for 13 days 17,42 Or par mile of railway	Rs. A. P. 1 81,785 15 0 365 8 7	7.197 6 3	Mds. Srs. 4,58,311 20	Rs. A. P. 1,10,086 2 0 634 14 7	!	2.01,474 15 9	11.325; 20,000	41,1224
For previous weeks of half- year Total for the		7,497 6 3	4,58,311 20	1,19,00 2 0	10,971 4 7		11.020) 20,000	
Contarison.	I High to V	4,113		1,13,740 2 0		2,01,07 1.3	11.1.01	-11.322 <u>;</u>
sponding first 15 days of previous year Per mile of railway, cor- responding	0¢ 51,501 1:1 9	4,786 15 1] 3.81,264 O	37.472 4 0	3,171 12 5	89,704 1 9	10,313 11 388	#1,781
period of ore- vious year	. 531 14 6	21 5 2 !	: :	169 4 3	15 10 ·s .	901 : 11		
date of pre- vious year 14.2	62 51,901 15 p	1,756 15 1	. 1,41,244 0	37,472 4 0	3,451 12 6	ND,764 ! 9	10,313 11,384	21.737

ALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Troffic for neck ended 13th January 1877, on 28 miles open.

· · · · · · · · · · · · · · · · · · ·	•	COACHINO TRAFFIC	MERCHARDIST AND MINERAL TRAPPIC.	Total		
	Number of possencers.	•	Weight carried. Receipts.	receipts.		
	!	Rs. A. P. ± s. d.	Mds. Ses. Rs. A. P. 2: s. d.	£ s. d.		
Total traffic for the week	10.162	1,374 0 0 137 8 0	17,055 6 550 0 0 55 0 o	192 K 🐞		
Or per mile of milway	363	49 0 0 4 14 0	6x9 0 19 8 0 1 19 0	6 17 O		
For provious 1 week of half-year	9,839	1,257 0 0 125 14 0	11,704 0 340 0 34 12 0	164 6 0		
Total for 2 weeks Comparison.	19,601	2,631 0 0 263 2 0	25,767 0 196 0 0 93 12 0	356 14 0		
Total for corresponding week of	i					
previous year	11,722	1,201 1 9 129 2 3	16,725 20 529 8 0 52 18 5	182 0 8		
week of previous year Total to corresponding date of	847	46 1 9 4 12 3	597 14 18 14 5 1 17 10	6 10 L		
breaking Aug	10,9681	1,400 4 8 Ltc 1× 6	18,485 20 5161 1: 0 50 7 11	206 6 5		

RASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 13th January 1877, on 1584 miles open.

	· · · · · · · · · · · · · · · · · · ·	- 14 TO 16 P T T T T T T T T T T T T T T T T T T			
		COACHING TRAPPIC.	MERCHANDINE AND MINERAL TRAPPIC.	Total rescipts.	
.,,	Number of passengers.	Coarbing receipts.	Weight carried.: Becoupts		
		Rs. A. P. & s. d.	Mds. Srs. Rs. A. P. £ s. d.	£ s. d.	
Total traffic for the week	31,685	22,62G 1 6 2,074 1 2	1,51,483 24 37,100 6 6 3 5,400 17 6	5,474 1K 7	
Or per mile of radway	240	142 15 8 13 2 1	957 12 234 7 1 21 9 10	34 (1 11	
For previous 1 week of half-year	28,71%	10,718 7 0 1,507 10 G	1,43,107 2 24,001 6 1 2,721 14 2	4,529 4 6	
Total for 2 weeks	60,703	42,741 8 6 3,441 11 8	2,94,490 25 G0,791 12 D G,125 11 7	10,004 3 3	
Comparison.	! :				
Total for corresponding week of previous year Per pule of railway, corresponding	32,979] .	22,761 1 1 2,09G H 7	1,52,340 0 28,529 13 0 2,696 16 2	4,6% 4 9	
week of previous year	! 2 UN)	143 13 3 13 3 8	983 23 179 0 3 1 16 H 3	20 JI II	
previous year	i manuali	67,195 2 7 A,212 14 1	3,46,056 K; @7,513 1 7 6,802 17 6 ;	11.605 11 8	

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 13th January 1877, on 27; unles open.

				·-· ·			
	,	Rs. A. P. _!	£ e. d.	Mds. Srs.	Ra. A. P.,	£ s. d.	£ s. d.
Total traffic for the week	3,950	922 0 0	92 4 0	7.917 0	505 0 0	60 10 O	142 14 0
Or per unle of railway	73	53 K G	3 7 0	202 0	1k 8 0	1 17 0	5 4 0
For previous 1 week of half-year	1,081	776 0 0	77 12 0	9,725 0	<i>1.</i> 97 0 0	59 14 0	137 6 0
Total for 2 weeks Companison.	3,761	1.0us 0 0	1G9 16 0	17,645 0	1,102 0 0	110 4 0	250 0 0
Total for corresponding week of previous year. Per mile of railway, corresponding week of previous year. Total to corresponding date of previous year.	4,023} 14H 4,343	2,178 1 9 79 14 10 2,370 15 5	217 16 3 7 19 10 237 1 11	24,450 30 915 45 24,820 30	1,970 15 9 69 10 7 2,015 3 3	157 2 0 6 17 4 201 10 5	404 18 0 14 17 2 438 12 4
					' '		

No. 5 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 31, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazutte may receive the Supplement separately on payment of Six Rupecs per annum if delivered in Calcutta, or Twelve Rupecs if sent by Post.

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the 27th January 1877 Weekly Report of Rainfall compiled at the Moteorolo-	8L	Observations taken at the Surveyor-General's Office, Calcutta, in the month of December 1876	N.
gical Reporter's Office	##	Weekly Return of Traine Receipts on Indian Ransways	N2

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 27th January 1877.

	No.	District.	and d	ute of		Rainfall at Sudder Stationin inches.	Character of the weather, state and prespects of the crops, and state of health at date
BR	NGA	fi. Wastern	Distr	ic ls .			.• •
	1	Bardwan.	Jan	. 29,4	77	Nil	The rainfull at Ranceguage has been 20, and there was no rain chewhere in the district. The prospects of the crops are everywhere good. Cholera is reported from the sub-divisions of Ranceguage and Culua, and from the head-quarter sub-division. Fover is reported from Johanabad.
DIVK.	2	Bankoora,	••	37.	70	0.18	Weather—Seasonable. State and prospects of the crops are good.
	3	Beerbhoom,	,.	27.	**	Nii	Weather—Seasonable. The rebbee crops are doing well. The late rain has enabled the ryota to plough their rice lands.
Вувриля	4	Midnapore,	**	27.	,,	0.06	Weather-Cool and fair. State and prospects of the crops are good.
Á	5	Hooghly,	••	27,	, ,	Nil	Weather—Clatting warm. The aman harvest is over with very good outturn. Mustard, scoog, and kalai, are being reaped in places. Prospects of the spring crops continue favorable. Public health is normal.
	l	Howrab.	••	27.	**	Nil	Weather-Getting warm. The crops are off the ground, and there is nothing fresh to report about them.

[•] Telegram of the 29th January shows minfall during the seven days immediately preceding.

N	īo.	District, an		te of		Rainfall at Sudder Station in inches.	
B KI	1GA1	—(Contd.)					•
		Central I)ist r	icts.		İ	• •
PRESIDENCE DIVE.	6	24-Pergunnahs	, Jan	ı. 29 ,'	•77	Nil '	Weather—Seasonable and occasionally cloudy. The harvesting of the late rice is not yet completed. Public health is much better.
	7	Nudden.	"	27.	"	Nil	Weather—Generally bright and seasonable, but occasionally cloudy. The crops promise well on the whole.
	8	Jessore,	••	27.	99	Nil	Weather-Cool, but cloudy. State and prospects of the crops are everywhere good.
: (9	Moorshedahad,	•	·27,	9.9	Nil ,	Weather—Seasonable, with passing clouds. The rubber crops are everywhere doing well, but sugarcane is not so. The prices remain steady. Public health is good.
(10	Dinagepore,	**	26.	39	Nil	Weather—Foggy mornings; cloudy atmosphere. The smus crops are not yet fully gathered in.
	11	Maldah,	90*	27.	99	Nil	Weather—Slightly cloudy almost every day; mornings forgy. The temperature varies from 54° at the lowest to 72° at the highest. Wind generally from the north-west. The crops are in excellent condition. Fifty-five deaths from cholers reported.
4	12	Rajshahye,	•	27,	,.	Nil	Weather—Cool and cloudy without rain. The cold-weather crops are in general thriving, and there is every prospect of an abundant harvest. Nine deaths from cholera reported during the week.
	13	Rungpore,	70	26.	90	Nil	Weather-Warm. The outturn of amus dhas is good. Mustard, potato, and sugarcane, are being reaped. Preparations for the early rice have commenced.
	14	Hogra,	••	27,	p	Nil	Weather—Seasonable. State of the district is most prosperous. Sugareane mustard, pas (betel), and rice crops, are better than they have been for years Other crops are good.
į	15	Pubus,	••	27.	•,	Nil	Weather-Seasonable. The cold-weather crops are looking very well after the rain of last week. Ploughing is being pushed on. Cholera has much decreased.
	16	Darjecling,	"	26,	,,	0.68	Weather—Very cold. Rain fell on the 21st and 23nd instant. The haims nia, rice has all been gathered in with good results. Wheat and barley in the Hills are doing well.
COUCH DEBAR DAYS.	17	Julpigores,	,,,	27 .	"	Nil	Weather—Cloudy. Sirson (mustard) is being gathered; the yield will probably be good twelve annas. The ploughing for early rice is going on satisfactorily. Public health is good.
; (Cooch Behar,	 Dintr	25, irls.	••	Nil	Weather—Seasonable. Warmer than last week. There is nothing to add to the last report. The crops are generally good, and the outturn satisfactory. Tobacco and mustard are looking well. Public health is good.
	- 18	Dacea,	Jun,	29.†	77	Ki	Weather-Seasonable. State and prospects of the crops are favorable
		Farreelpore,	•	±7.	••	Nil ('54 from 13th to 16th Jan.)	Weather-Fine. State and prospects of the crops are fair. Cholera is abating.
4	20	Backergungs,	,,	25,	••	Nil	Weather—Cloudy up to 23rd instant; since then fine and cold, with north-west wind. The principal failure of crops uppears to have taken place in the central portion of Dakhin Shabazpore, where the inundation lasted longest. The country adjacent to the coast of the island did not suffer so much, as the water ran off it when the storm-wave subsided. The sub-divisional officer of Patuskhali reports a very poor outturn of rice in the Chaltabouia outpest jurisdiction—not more than from 4 to 6 annas—the failure being greatest in the islands of Bora and Chota Bashdia. Cholera is still very prevalent.
	21	Mymensingh,	••	26,	13	Nil	Weather—Foggy and cloudy. The boro rice has been transplanted. The late rain will greatly benefit this crop as well as the more common cold-weathercrops.
	22	: Tipperab.	•	26,		Nil	Weather-Foggy and damp. State and prospects of the crops are fair.
í	23	Chittagong,	,.	25,	٠,	Nil	Weather—Scasonably cool. The cold-weather crops promise well. Cholera is still prevalent.
		Nonkholiy,		25	u	Nil	Weather—The nights and mornings have been cold and raw throughout the week; the afternoons have not been subject to such high ranges of temperature as in the previous week. The owns crops have been reaped shoost everywhere in the district. Chillies, pulses, &c., are being sown, and are progressing well, except in the inundated tracts. Cholera is still very prevalent, and stray cases of small-pox reported from Sundeep and Fenny sub-division.
The state of the s	25	Chittagong Hill Tracts.	11 ,-	23,	**	Nil .	Weather—Very cold throughout the week; closely on the 23rd instant. The prospects of the mustard crop are good. The tobacco plants are thriving well. There are no other crops on the ground.
į	-	: Hill Tipperah, 	90	24.	**	Nil	Weather—Cool and cloudy. State and prospects of the crops are good.
						:	·

[•] Report of the 20th January shows rainfall during the seven days immediately preceding.

† Telegram of the 20th January shows rainfall during the seven days immediately preceding.

	- ·						<u> </u>
1	io.				l	Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
BE	HAR		•				
1	26	Putna,	Jen.	29,*	'77	Nil	Weather-Partly cloudy and partly clear. Prospects of the rubbes crops continue favorable. Health is generally good.
	27	Gyn,		27,	99	0:07	The sky was partly cloudy and partly clear during the week. The kaseof crop is now nearly harvested. The prospects of all crops continue so far satisfactory The rain has done good, but clear weather is now required.
ļ	28	Shuhabud,	••	27,	"	Nil	Weather-Cloudy and cool. The rubbee crops have greatly benefited by th laterain, and promise well throughout the district.
PAINA DIVE.	29	Durbhunga,	n	27,	99	-03	Weather—Damp, cloudy, and cold at the beginning of the week; warmer and generally fine since. The prospects of the rabbee crops 'are very good. Oil seeds are ripening, and are being cut in some parts of Tajpore.
PATWA	80	Mozufferpore,	, ,,	27,	••	Nil	Weather—Seasonable; cold and cloudy The prospects of the crops seem to be excellent. The late rain has been beneficial to the winter crops, Health o the district is good.
	81	Naran,	•	27,	91	Nil	Wenther—Clear and cold. The sky sppears to have settled; wind blowing from the west. The prospects of the rabbee crops are excellent throughout the district, and a bumper season is anticipated. Wheat and barley are in ear; rabse mustard, pens, and poppy, are flowering. Indigo fields are ready for next year's sowings. General health is good.
(32	Chumparun,	**	27,	19	Nil	The cloudy weather has now passed off, and the sky is clear. No wind. Prospects of the crops are excellent.
<u>.</u>	33	Monghyr,	••	27,	**	Nil	Weather—Fair and windy. The rainfall at Beguserai has been '02 only. The prospects of the crops continue good.
BRIGTIPORE DIVE.	34	Bhagulpore,	**	29,*	19	Nii	Weather-Fine and bright, with west wind. The crops are all excellent. General health is very good; only a few cases of small-pex reported here and there.
	35	Purneah,	••	27,		Nil	Weather—Seasonable. '15 of rain is reported to have fallen at Arrareah during the week. State and prospects of the crops are good.
`	•	Southal Pergi	18. "	28,	91	Nil	Weather—Fine. All crops look very promising. Health is better in Deoghur and cattle disease, which was of late prevalent there, is now abating.
)К {	188 <i>4</i> - 37	¡Cuttack,	Jan.	27,'	77	Nil	No more rain aince last report. The ploughing for early rice is going on. The cold-weather crops are being reaped with a good outturn.
DINSMA DIVY	มห	Peoree.	39	26,	••	Nil	Weather—Fair. The dalsa paddy is progressing well, but requires more rain for a good outturn. The state of the other crops is good. Mango promises a good crop. Expertation is still going on, the prices have risen a little over those of the last week.
•	39	! Balasore,	••	26,	7*	Nil	Weuther—Cold and dry. The sarad crop is all cut. The rabbee crops are coming on well. The exportation of rice is still going on very largely. Public health is good.
2110)T A	NAGPORE.					_
		South - B're Agen		ulier			
	40	llazareclugh,	Jan.	26,	'77	0-15	Weather—Cloudy and cold. The rain has benefited the crops on the ground and enabled the ryots to communes ploughing. The cloudy weather is however, unfavorable, tending to cause blight.
	41	Lohardugga,		27,	••	0.60	There was heavy rain with strong wind on the evening of the 23rd instant. It was slight on the 26th. Rain fell almost daily at Palamow, and 1'25 inches reported during the week ending 23rd idem. The rain has been heavier than usual at this time of the year. The prospects of the crops are excellent General health is good.
	42	Singbhoom,	**	26,		0.82	Weather—Seasonable. The prospects of wheat and pulses continue good. General health is good.
	43	Mantihoom,	••	27.	•	0.32	Weather—Seasonable. Days are getting perceptibly warmer. Most of the crops have been harvested. The outturn is generally good, as previously reported.
					- 1	1	• **

[•] Telegrams of the 20th January show ramaful during the seven days immediately preceding.

Published for general information.

H. J. S. Cotton,

Jr. Secy. to the Goot. of Bengal.

CALCUITA, STATISTICAL DEPT.,

The 80th January 1877.

OX B	Dis	FRICT	8 .	ST	ations.		oes 7th to January	from 14th th January	JA	PROM 167 HUARY 1877.	
DITTELONE						····	Rain from 18th Ja 1877.	Rain tog:	Inches.	Up to dat	•-
6	MGAL.						Inches			1075	
	Waster	Diei	rricts.	. No. of comme				Inches.		1877.	
	Burdwan		}	Hurdwan Cutwa Culna	***		0.45 0.70	0-02 0-25 0-62	0:26 0:70 1:39	20th Jan ditto ditto	•
ı		•••	· "[Rood-Bood Rancegunge Jehanabad	*** ***	***	0*49 0*49 0 87	Nil 0-14 0-60	0·52 0·76 0·07	ditto ditto	
I	Bankoora	•••	•••	Bankoora	•••	•••	0-24	0.28	0 59	ditto	
l	Beerbhoom		{	Sorree Hetampere Roypere		•••	2·31 1·96	(190 (12	2·61	ditto ditto	
$\left\{ ight.$			ì	Midnapore	•		1.02	0·10	1·1½ 1·37	ditto ditto	
	Midnapore		}	Tumlook Ghettal	. 101	•••	1·79 1·85	ditto ditto	1:79 1:35	ditto	
			- [Contai { Dy.	Colle.'s . Bner.'	Office	0°67	ditto ditto	0·67 - 0·67	ditto ditto	
	Hooghly	•••	₹	Hooghly Serampore			1.02 1.10	ditto U:05	1.02 1.19	ditto ditto	İ
1	Howrab		{	Howrab Mahoshrekha	•••		- Nil Nil	0·17 1·45	1·33 1·45	ditto ditto	1
	CENTRAL	UIST	1078.	Sauger Island Calcutta	•••		9-00	0.30	3.30	ditto	
				Alipore { Disp	-i-		1:93 1:94	0·09 0·10 0·11	2°03 2°03 1°97	ditto ditto ditto	
	24-Perganu	ahs		Busseerhat Baraset Diamond Harl	 		1·54 1·27 1·27	Not rec. 0:11 0:09	1.24 1.38 1.38	13th Jan. 20th Jan. ditto	!
				Barripore Satkhira Barrackpore		·6· ·6·	2:65 0:50	0.08	9·71 1·48	ditto ditto	!
l			ļ	Dam-Dum Kishunghur	•••		1·19 1·19 0·45	0.01 0.20 0.48	1.03 1.03	ditto ditto ditto	
l	Nuddes		{	Bougong Meherpore Choosdanga	*** ***		1:05 0:30 0:57	Nil 040 Not rec.	1.05 0.50 0.57	ditto ditto 13th Jan.	:
{			}	Kooshtea Ranaghat Jessure	***		0:36 1:02 0:85	0°25 Nil 0°05		20th Jap. ditto ditto	:
	Jessore	•••		Nurrail Khoolna Jhenida	•B•		0-78 1-01	0°11 0°27	7.58 0.98	ditto ditto	
				Hagirhat Magoorah	•••		0.40 1.50 0.49	0°50 Nil 0°25	1.00 1.60 0.4	ditto ditto ditto	1
I				Berhampore Rampore Haut Lallbagh	•••		1:07 1:87 1:86	0.87 0.31 0.02	3.81 3.81 3.81	ditto ditto ditto	į
4	M oorshedab	æð	. 11	Jungypore Azimgunge Laligolla	•••	=	2·62 1 96	(r87 Nil	7-99	ditto ditto	1
1			y	Kandee	·		9°85 1°30	0.35	8·20 1·79	ditto ditto	
	Dinagepore	•••		Dinagerere Reigungo Maldan	•••		1·20 1·44 1·63	0°01 0°24 0°29	1.64 1.68 1.99	ditto ditto ditto	
	Rajshahye		3	Chanobal Baultah Nattofe	•• ••	***	1·43 1·74 2·00	0 23 0 60 0 68	1.05 2.24 2.58	ditto ditto ditto	
			1	Kungpore . Nowanigunge	•		0.81 1.98	0'42 Nil	1.23	ditto	
	Kungpore	•••		Kurigram Bagdogra Bogra	•••	•••	1·26 0·73	ditto ditto	1°26 0°78	ditto ditto	
	Hogra		{}	Sherpore	•••	=	1.19	0°64 0°60	1.82	* ditto	
	Pubna	•••	5	Pauchbibi Pubna	•••		1.00	Nil 070	1.00	disto ditto	
	Darjechng		- q	Serajgunge Darjeeling { Tel Ho	 egraph (-		1:60 Not rec.		ditto 3th Jan.	
				Julpigoree	spital		1·35 U 97	Nil ditto		oth Jan. ditto	
1	Julpigoree	•••]['	Bods Buxs—Civil Sur	**************************************	Office	0.63	0°80	1.62	ditto	
	en e e		- 11.	Citalya Citalya		Omes -	1.80	Nil	1.80	ditto	
ľ	Cooch Bobar States	Tribe	stary	Cooch Behar			1.17	- 0-10	1.27	ditto	

-			T				·		
	Distract	ces.	STATIONS	l.	Rain from 7th to 13th January 1877.	Rain from 14th to 20th January 1877.	JA	PROM 182 NUARY 1877.	Remarks.
į	\$				Rain 18th 1877	Rain to 20	Inches.	Up to date]
-					<u> </u>	<u> </u>	- -	 	
	BENGAL.—(Con	ntinad.)			Inches.	Inches.		1876.	
	KASTERN DI	etricts.				-ACEGO.		10.0.	
		ſ	Dacca Telegrapi Hospital	Office	0.84	Not rec. Nil	0.37	13th Jan. 20th Jan.	Not rec. 1st to 6th Jan.
	Deces	-1	Moonsheerunge Manichgunge		0.41	0.20	0.78 U.88	ditto	Ditto ditto.
		5	Furreedpore		0.50	0.01	0.30	ditto	ditto.
DACCA.	Furreedpore	{	Goalunde Madaripore		0.21 0.93	0 05 0 05	0 37 0 59	ditto	
4	Backergunge	{	Burried Peroxepore Patoonkhally	,	0.71 0.70 0.75	0·16 0·20 0·30	0.87 1.08 1.25	ditto ditto ditto	
		l	Dowlutkhan	***	Nil	Nil	Nil	ditto	Not rec. 12th and 13th Jan.
		S	Mymensingh Janualpore		1·62 1·40	ditto 0-25	1.63 1.69	ditto ditto	
	Mymensingh	}	Atıa Kishoregunge	***	0·47 1·00	0'88 0'18	1.18 1.18	ditto ditto	
		ſ		ph Office	Nil	Mil	Nil	ditto	
e e	(:hittagong	{	Cox's Bazar	 	ditto ditto USO	0.00 0.22	0.08 0.22 0.21	ditto ditto ditto	
CRITTAGONG.	Noakholly 	{ {	Fenny	•••	0-65 0-18	0°10 0°37	(775 (755	ditto du o	
	Chittagong H	•	Brahmuniariah Rungamater Hill	••	076 001	0 47 (-21	1.53	ditto ditto	
	Hill Toppersh	•••	Hill Tipperab	•••	0.30	0.76	1.12	ditto	
BE	HAR.								
		ſ	Patna	•••	1:37	0.01	1:41 1:43	ditto ditto	
	Patus	{	Behar Barh Discourse (Jail	 	1.86 6.89 1.50	0° 7 Nil ditto	0 95 1 20	dirto ditto	
		l l	Canto	nment	1·20 0·40	ditto 0:36	1°20 0°78	ditto ditto	
	Gya	}	Nowadab		1·11 Nil	0:37 0:10	1.48 0.10	ditto	Not rec. 12th Jan.
		c	Jehanabad		1·73 2·33	0.07	2·40	ditto	
i	Shahabad	•}	Sasseram Huxar		5.68 0.43	0.90 0.90	0.09 3 68	ditto ditto	
PATEA.	1		Bhuboosb	-	1.90	0.20	3.10	ditto	
Z.	Mozufferpore	{	Mosufferpore Hajespore		1·62 1·71 1·63	Not rec. difto ditto	1·63 1·63	18th Jan. ditto ditto	
			Sectamurhee Durbhunga		1.83	011	1.83	20th Jan.	
	Durbhunga	{	Mudhoobunnee Tajpore	:::	1·19 2·05	0-61 Nil	1.80 2.02	ditto ditto	
	Flarqu	{	Chupra		2.00	ditto	2.00	ditto ditto	
	Chumparun	ا	Motibarse		3-29 2-30	0.60	3.82	ditto	•
ĺ	4-4-200 (44)	{	Hettish	•••	2.03	0.02	2·67 0·86	ditto	
i	ylongbyr	{	Begoo Serai Jamoose	***	1.00	Nil 0:88	1.68	ditto ditto	
			Bhagulpore		1·n9 0·75	0 36 0 50	1·45 1·26	ditto dil to	
LFOR!	likagulpore	11	Muddehpoora Banka	***	1.80	0.70 1.00	2:00 2:58 1:08	ditto ditto ditto	
BEAGULPORE.		d	Purneah		0.49	0-06	0.98	ditto	
ا ھ	l'urnesh ·		Kireengunge Arrarenh	***	0-80 0-80	0.03 0.12	0.80 1.10	ditto ditto	
		I i	Nya Doomka		9-80	0-17	2-97	ditto	
į	Southal Pergun	naho 🌖	Rajmahal Daoghur		Nil ditto	Not rec.		13th Jan. 20th Jan.	
		- 11	Godda		ditto	018	0.18	ditto	

Distalcrs.			STATI	from 7th to the January 77.	Kain from 14th to 20th January 1877.	RAIN FROM 10T JANUARY 1877.		Rrmares.	
					Rain fr 13th 1977.	Kain to 90 1877.	Inches.	Up to date.	
					Inches.	Inches.	Í	1877.	
		c	Tel	locraph ()ffine	0.20	0.80	0.60	20th Jan.	
		- 11	Cuttack Tel	apital	03	0.08	038	ditto	
_		- []	Jajpore			Nil	1:90	ditto	
-ck		{	Kondraparah		1.80	ditt.	3:40	ditto	
		- 11	Jagutsingpore			aleto.	1 4 4 7 7	unero :	
			False Point		0.50	1.25	1.75	ditta	
		•		-	!			l i	
		{	l'ooree		1 7-44	0.04	1.59	ditto	
		5	Khurdab		1.46	0.73	: L'0V	ditto	
		ام	. CE-	e. Kngr.'s ()ffic	1.00	Not rec.	1.00	13th Jan.	
		- !!	Balasure } Co	Rector's Office	0.99	Nil	0.00	20th Jan.	
au Pe		-]]	Bhadrack		0.81	ditto	0.1	ditto	
Write.	•••	51	Jellarore		1.17	ditto	1·17	ditto	
		- 11	Norsk		: 0.70	ditto	0.70	ditto ditto	
		Ч	Chandbally		. 1	direc	""	uitto	
ek Tribu	tary M	ahals	Humbalpore		1.94	1.01	3-52	ditto	
OTA N	AGPO	RK.					İ		
OUIH-W					i	İ	ļ.	<u> </u>	
ORTIES OUTH-W					-	Į	1	,	
			Hazareetagh	j Jan		0.29	1.68	ditto	
arerbarb		{	DAZETOSUATU	l'impensary	1.15	0.34	1.49	ditto	
		<i>"''</i> l	Pachumba		1.33	0.02	1.87	ditto	
		-				}	1] "	
ardnega		}	Ranches			0.50	3.13	ditto	
		•	l'alamow		. 0.14	1.10	1-25	ditto	
piroom			Chyebana		. 1.13	0.37	1.50	ditto	
-	-			-	1	!	1		
ppoom		{	Puruhah	-01 40		U-35	0 61	ditto	
		[Govindpore		- 2.00	(1.58	2.86	ditto	
A M A M	11 1 A s	\ . M''			į				
HIL		747 1	!		i	1	! :	i	!
het			bythet		. 088	0.93	1.80	ditte	!
		_	Sambana				1		•
		ſ	Seebsauger Golschat				0.15	13th Jan.	I
		ì	Jorehant	140 15		ditto	Nil	ditto	
			Deopanie		1 87-A		2411	di	ļ
TORFER		₹	liattiepootie	•••	. ditto	ditto			i
		1				ditto			
		1			1 7				}
		- 11					1		
		•		.4,	. 411110	difto			
		i	Akvai		. Nil	Nil	Nil	20th Jan.	i I
	•	•	4	Mazengah Nazeorah Nuntock Chorideo	Mazerrah Nazerrah Nuntock Cherideo	Mazerah ditto Nazerah ditto ditto Cheridao ditto	Manangah ditto	Manangah ditto	Massegah ditto

CALCUTTA,
The 27th Fanuary 1877.

John Elliott, M.A.,

Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 21st to 27th January 1877.

350			Barometer	Barometer	THERM	om ster.	<u> </u>	Wisi).			
STATIONS.	Date.	Hour.	reduced to 32°.	to seg- level.	Dry.	Wet.	Hamidiry	Direction.	V mlass ity.	Rain.	(louds.	Wenth
CAROUTEA	Jan. 21st 2:nd 23rd 24th 25th 20th 27th	10 16 10 16 10 16 10 16 16 10 16	30°141 30°017 30°151 30°153 30°178 30°308 30°0-4 30°158 30°15 30°15 30°15 30°15 30°15 30°15 30°15 30°15	30°100 30°170 30°170 30°030 30°172 30°103 30°103 30°177 30°144 30°140 30°177 30°056	60°2 74°0 98°0 75°5 65°8 70°5 76°5 76°5 76°5 76°5 76°5 76°5 76°5	612 620 620 620 614 625 615 650 634 634 634 634 630 630 630	63 51 70 48 76 84 75 61 68 68 58	N W N W N R N N E N N E N N E N N E N N W N N E N N W W by N W by N	6.6 5.0 3.9 4.8 4.4 4.5 1.7 7.5		C	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
SAUGOR INCARD	92nd 92nd 93rd 23rd 25rb 26th 27th	10 18 10 16 10 16 10 16 10 16 10	30136 300-0 30034 30181 30181 30190 30190 30117 30117 30147 30044	30°148 30°138 30°138 30°139 30°157 30°177 30°17 30°17 30°16 30°133 20°307 30°16 30°16 30°16 30°16 30°16 30°16	48 75 71 76 70 73 70 77 72 78 78 73	62 63 64 65 66 67 63 64 65 67	74 48 64 64 63 80 67 68 67 68 67 64 76	N N E N E N E N N E N N E N N E N N E N N E N N E N N E N N E N N W E N N W W W W	9°8 5°0 6°8 0°3 10°9 4°4 11°3 5°0 9°4 3°8 4°3 3°4		PK CS CP PC PK P PK P PK CS CS CS CS CS CS CS CS CS CS CS CS CS	6, 11 6, 20 6, 30 6, 30 6, 40 6, 40 6, 50 6, 50 6, 50 6, 50 6, 50 6, 50
CELTTABORO.	Jan. 21st 22nd 28rd 24th 26th 20th 27th	10 .6 10 16 10 16 10 !r 10 16 14 14	307019 207921 807834 297923 307040 297070 307052 297806 807010 20 801 30 052 297926	30*107 30*15 30*129 30*017 30*144 30*179 30*179 30*105 30*105 30*105 30*105 30*147 30*147	08 73 69 77 72 77 60 77 64 75 72 78	05 04 67 65 66 03 06 00 63 60 43 61 44 73	85 67 57 67 63 70 47 73 42 00 48 02 30	NHEWSWSWSWSWSWSWSWSWSWSWSWSWSWSWSWSWSWSWS	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		c, ck ck c, cs	500 201 201 201 201 201 201 201 2
STATES.	Jan. 20th 21st 22ud 23rd 24th 25th 25th	10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 10 16 16	30-105 29-103 30-013 39-03 29-056 30-073 29-056 30-109 20-100 29-971 30-085 29-963	30°128 30°110 30°110 30°405 30°405 20°400 30°125 30°125 30°123 30°123 30°123 30°123	21 22 23 2 21 22 22 23 24 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	75 71 73 73 74 73 73 73 74 70 70	60) 66 60) 67 63 69 69 61 49 61	RNE NE by K NE by E ENE E by N E by N E \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	12 14 13 13 11 12 9 13 14 16 14 15			6, c 6, c 6, c 6, c 6, c 7, c 7, c 7, c
	Jan. 21st 22nd 23rd 24th 26th 26th 27th	10 16 10 16 10 16 10 16 10 16 10 16	30'063 29'121 30'083 29'929 30'136 30'136 30'138 29'980 30'034 20'900 30'034 20'900 30'004	80146 80146 80146 8018 8028 8028 8028 8048 8048 8048 8048 804	74 81 73 81 75 80 73 81 76 82 76 83 75	62 65 62 66 67 65 67 68 69 68	47 38 51 42 56 43 45 63 45 45 46 46 47	ENE NNE NNE NW WNW NNW NNE NNE NNE NN NNW	1·4 . 4·0		C CK, PK	6
	Jan. 21st 22nd 23rd 24th 26th 20th 27th	10 16 10 16 10 16 10 16 10 16 10 10 10	80050 39-972 30-078 90-07 80-007 30-105 28-984 30-053 29-043 30-070 30-008 29-000	30-078 20-004 30-100 20-060 30-120 30-120 30-075 30-075 30-075 30-08 30-08 30-08 30-08 30-08 30-08 30-08	74 74 79 72 80 75 80 77 80 77	70 70 60 71 60 70 60 70 68 68 60 65	81 77 76 60 71 58 60 68 67 51 72 58	W W W W W W W W W W W W W W W W W W W	3.0 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2		CK - CO	r j. h

• Velocity of wind in miles per hour.

JOHN ELLIOTT, M.A., Meteorological Reporter to the Government of Bengal, Abstract of the Results of the Hourly Meteorological Observations taken at the Surveyor-General's Office, Calcutta, in the month of December 1876.

LATITUDE 22° 33' 1" North. Longitude 88° 20' 34" East. Height of the cistern of the standard barometer above the sea level, 18-11 feet.

MON	THLY RE	SULTS.			Inches
Mean height of the barometer for the month					30.062
Max. height of the barometer, occurred at 10	A.M. on the	7th	•••	•••	30.231
Min. height of the barometer, occurred at 3 &			•••	•••	29.928
Extreme range of the barometer during the n				•••	0.303
Mean of the daily max. pressures	•••	•••	•••		30.137
Ditto ditto min. ditto	•••			•••	80.002
Mean daily range of the barometer during the		•••	•••	•••	0.135
					₩
Mean dry bulb thermometer for the month	•••	•••		•••	66-9
Max. temperature, occurred at 8 P.M. on the 2	6th, 27th, 9	88th, & 29th	••	•••	78.0
Min. temperature, occurred at 6 & 7 A.M. on		•••		•••	55·5
Extreme range of the temperature during the	month				22.5
Mean of the daily max. temperature	•••		•••	•••	76·1
Ditto ditto min. ditto		•••		•••	59-2
Mean daily range of the temperature during the	he month				16.9
Mean wet bulb thermometer for the month	•••		•••	•••	60· 4
Ditto dry bulb thermometer above mean wet	bulb thermo	ometer	•••	•••	6.5
Computed mean dew-point for the month	•••	•••	•••	•••	55.2
Mean dry bulb thermometer above computed	mean dew-p	point	•••	•••	11.7
					Inches.
Mean elastic force of vapour for the month	•••	•••	•••	•••	0.445
					Grain.
Mean weight of vapour for the month				•••	4.93
Additional weight of vapour required for comp					2.35
Mean degree of humidity for the mouth, comp	olete saturat	tion being u	nity •		99.0
					÷
Mean max. solar radiation thermometer for th	e month	•••	•••	•••	125-1
					Inches.
Rained no days,-max. fall of rain during 24	hours	•••		•••	Nil
Total amount of rain during the month	•••	•••	•••	•••	Nil
Total amount of rain indicated by the gauge	* attached			ring the	
month	•••	•••	***		Nil
Prevailing direction of the wind	•••	•••	1	N N W, N	by W & N.

Height 70 feet 10 inches above ground,

GOPEENAUTH SEM,
In charge of the Observatory.

The 25th January 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINK.

Approximate Return of Traffic for week ended 20th January 1877, on 1,279? miles open.

		COACHING TRAN		Manora van	RE AND MYNERAL TRAFFIG.			m Mules Rus.		
	·			Manual I		TOTAE				
	No. of passen- gen.	Conching	receiple.	Weight curried.	Receipte.	TEAPPIC RECEIPTS.	Conchi- ing.	Total.		
		Ru. A. P.	£ . d.	31d - Srs.	Rs. A. P. & s. d	Rs. A. P.				
Total traffic for the week		2,91,173 3 0	26,962 3 4	11,19,568 10	4.89.100 6 0 44.749 17 S	2 7,62,501 9 0	53,547	94,240} 140,787		
Or per mile of railway		229 13 4	21 1 4		341 7 4 34 19	G11 4 8				
is dayn of balf-year	377,070	6,35,516 1 9	11 \$1 063.64	21,76,000 30	9,60,958 2 6 89,057 7 :	15,00,449 4 3	107.0673	103,1614 299,233		
Total for 3 works	475,9004	0.02 644 4 9	85, 102 15 H	35,95,531 0	16,10,123 8 6 102,834 4	7 23,×1,770 18 3	102,615	240,404; 419,019}		
COMPARISON.		<u>i</u> !	j			•				
total for corre- aponding week of pre-			I	: !		!				
Your year For mile of railway, cor-		: 2,21,011 14 O	3r1338 x 0	9,64,913 50	3,20,451 14 0' 36,616 8	6 4,20,163 A 9 	46,717	G9,553 114,500		
responding week of pre- vious year Total to corre-	••• ••	i 172 11 2	15 16 7	!	312 2 2 2 13	3 484 13 6				
aponding		\34.000 t2 4	70,477 15 8	! 25,7 9,990/ 30	15,29,49s 11 0 112,70+ 0 1	 20,65,801 7 4	163,994	223,478 3 40,47 2		

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week caded 20th January 1877, on 2234 miles open.

		R*. A.	P	s. d.	Mds. Srs.	B. A. P.	E a. d.	Ra. A. P.	: :
"aini traffic for ; the weak	6,775	37,587 15	0 3,4	15 II 3	2,26,470 20	. (00,136 14 0	5.513 10 11 _, 1	17.721 13 0 6,137	18,10%, 21,0052
or per mile of	•••••	167 15	10 1	5 8 0	! 	208 12 4	51 13 B	470 12 3	
is days of half-ye'r	17,171	91,738 15	0 7.E	7 6 3	4,64,311 ±0	1,19,0% ± 0	10,971 4 7 2.0	0,471 15 9 11,820}	20,090 41,822}
Total for 3 weeks	21,216 	119,376 12	9 (0,9)	2 17 6	6,85,191 0	1.79.823 0 0	16,148 15 6 2.3	0.190 12 9 17.763)	44,161} G4,927}
COMPARISON :	:		İ				!		
Total for corre- a p o n d i n g : week of pre-	• .		i		ĺ	;	1		
ous year mile of milway, cor-	6,157; :	14 206 13	0 1,0	D 17 7	1.07.080 0	: \$1,177 0 U	2,124 11 2 4	1,583 13 9 4,562	5.174 10,470
veck of pre- week of pre- veus year Total to corre-	 .:	~! is		7 9 8		105 y 4	y :: 11	. 0 0 aaı	
Aponding inte of pro- rousyear	20,549 i	70,104 11	6 4.6	96 12 ×	 2,48,557 0	i ci'n ia r o	5,5146 3 7, 1, 1	11.157 15 0 15.936	14,546 32,201

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 20th January 1877, on 28 miles open.

	Sumber of	Spaching Trappic	у виснувания	Total receipts			
	D rem-sincare	Concluint receible	Weight carried.	Marcipte.	1		
		Кв. А. Р d.	Mda: Sre.	Rs. A. P. 4: a. d.	£ e. d.		
Sotul tradic for the week	11,182	1,475 0 0 147 6 0	13.197 0	555 0 0 j 53 10 0	200 16 0		
Je per mile of railway	390	0 a á : 0 × 25	482 0	19 0 0 1 18 0	730		
for previous 2 weeks of half-year	19,001	2,631 0 0 263 2 . 0	29.757 U	926 0 0 93 12 0	724 14 0		
Total for 5 weeks	30,163	1,104 a a 44a k p	42,254 0	1,471 0 0 147 3 0	557 10 0		
Total for corresponding week of previous year Per mile of milway, corresponding week of previous year	11,476 410	1,435 4 9 143 10 7	i	310 5 9 51 0 N	196 21 3 Ø 18 11		
Total to corresponding date of previous year		51 4 2 5 2 6 2,904 D 0 290 9 1		1.104 4 9 110 8 7			

RASTERN BRNGAL RAILWAY.

Approximate Return of Traffic for week ended 20th January 1877, on 158; miles open.

	"	DOACHING TRAYFIC.	T	Nerchards	Total			
	Number of parameters.	Coaching receipts.	W	olght carried.	Accepts	receipte.		
		Rs. A. P. & c.	d.	Mds. Srs.	Ra, A. P. C e. d.	& e d.		
Total traffic for the week	\$2,501}	94,103 7 3 2,200 7	10	2,08,025 26	89,906 1 9 3,658 1 2	"5,867 v o		
Or per mile of railway	276	152 4 11 18 19	3	1,296 20	258 2 9 23 2 4	37 1 7		
For previous 2 weeks of half-year	60,3034	42,344 8 6 8,851 11	8	2,04,600 28	66,791 13 9 6,122 11 7	10,004 8 8		
Total for 3 weeks	V2,835	00,446 15 9 6,000 19	6	4,98,226 14	1,04,697 14 6 9,780 12 9	15,871 12 8		
COMPARISON.		•	_ _					
Total for corresponding week of previous year	33,579}	24,016 14 9 2,236 19	8	1,50,010 23	27,433 10 8 2,514 13 X	4,901 12 11		
week of previous year Total to corresponding date of	212	157 10 0 11 9	0	153 35	178 5 7 15 17 10	3 0 6 10		
previous year	1,00,767	82,143 1 4 7,529 13	Ð	4,07,005 30	146,845 12 0 8,877 10 7	16,407 4 4		

NALIIATI STATE RAILWAY.

Approximate Return of Traffic for week ended 20th Junuary 1877, on 274 miles oven

										. —			~~			
		Rs.	A. P.	£	۲.	d.	Mds. 8	TH.	Rs.	A. P.	Ľ	٠.	d.	£	٠.	ď.
Total traffic for the week	2.116	959	0 0	. ¥3	18	o l	9,431	0	714	9 0	71	b	0	. 107	G	c
Or per mile of railway	78	7.5	0 0	; s	10	0	346	0 1	91	0 0	2	12	ø	i e	2	G
For previous 2 weeks of half-year	8,601	1,098	0 0	: 1 G 9	16	0	17,615	0	1,102	0 0	110	4	a	2~0	0	r
•		 		.——		-		 ,		 -			—;		_	_
Total for 3 weeks	5,777	2,457	0 0	263	11	u	27.079	0 :	1,416	0 9	181	13	v	417	6	ţ.
('omparisor		: 				-i		:					-		_	-
Total for corresponding week of	į	1				:		;					!	!		
previous year For mile of railway, corresponding	50151	1057	11 3	; 9 3	12	ü	5,763	0 ;	461	12 9	46	y	7	110	A	G
week of previous year	71	34	A 7	į a	A	10	211	10	. 17	0 10	1	14	1	5	2	11
Ajora Acre	40000	3,34%	10 5	350	17	4	::2.543	30	2.4%	4 6	244	0	0	57%	17	4
	<u>. </u>	٠ ــــ ٠		' . <u>.</u>		'	• .							٠.		

No. 6 of 1877.

[REGISTERED NO. 29.]



The Calcutta Gazette.

WEDNESDAY, FEBRUARY 7, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Ramfall, Weather, and State and Prospects of the Crops in the different Districts of Bengul, as reported to Government during the week ending the 3rd February 1877.

A CARAGO CANADA

3	ia.	District.	und dat urn.	સ ભો -		Rainfall at Sudder Stationin inches.	Character of the weather, state and prospects of the crops, and state of health at date.
HE	KGA	L.			1		·
		Western	Distric	ts.		i i	
	1	Bardwan,	Feb.	5,•	77	-15	The rainfull at Cutwa has been '42, at Ranceguage '05, and at Jehanahad '45. Prospects of the crops are good. Cholera is prevalent in the Jehanahad and Culua sub-divisions and in parts of the head-quarter sub-division.
ان	2	Bankoora,	٠,	3,	39	: 0.09	Weather-Cool and cloudy. The state and prospects of the cold-weather grops continue favorable.
N DITK.	3	Beerbhoom,	,,	3.	••	0.23	Weather-Cloudy. The rubbee crops are doing well. The ploughing for early rice has commenced.
BURDWAY	4	Miduapore,	••	3,	••	1.74	WeatherRaw, damp, and cold. Rainy for the last few days. State and prospects of the crops are good.
Ā	5	Hooghly,	•1	3,	**	23	Weather -Foggy on the 29th and 30th January; cloudy, with slight rain, on the 31st. The prospects of all the crops on the ground are favorable. Potatoes are being gathered. Sugarcane is being cut and pressed. Public health is normal.
	L.	Howrub,	, , , ,	3,	19	1.25	Weather—Cold, wet, and windy. There are no crops on the ground at present.

Telegram of the 5th February shows minfall during the seven days immediately preceding.

,DI	io.	District, an retu		e of		Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
BEN	NGAT	(Contd.)			-		
		Central 1)ielri	icts.			
1	6	34-Pergunnah	, Feb	. 5,	-7 7	1.91	Weather—Cloudy and rainy since 1st instant. The cold-weather crops are somewhat injured by the rains.
PRESIDENCE DIVE.	7	Nuddea,	"	3,	"	0-71	The weather has undergone a sudden change during the week. Instead of being rather unusually warm it has become extremely cold and damp. The general prospects of the crops are good. Chillies are below average; turnieric and tobacco are good.
PRINCE	8	Jemore,	•	3,	"	-13	Weather—Sessonable, with a little rain. The spring rice (boro disan) is being transplanted. The late rice is mostly gathered. The rain will soften the ground for ploughing for the early rice.
į	. 9	Mourshedabad,	1)	8,	p	0-35	Weather—Cold and cloudy, with occasional sunshine. The spring crops continue to flourish. The young plants of boro dhas are doing well. The cutting of srher has begun. Prices remain steady. Public health is good.
ſ	10	Dinagepore,	••	2,	99	·14	Weather—Foggy mornings; atmosphere cloudy; occasional rain. Three-fourths of cases, or late rice, have been gathered. The rabber crops are promising.
Ë.	11	Maldah,	,	3,	,,	0·10	Weather—Cloudy during whole of the week. Slight rain fell on the night of the 30th and 31st January, preceded by thunder-storm on the former night. Wind generally from the north-west. The crops are in splendid condition. Twenty-nine deaths from cholera reported.
Каленантв DIVИ.	12	Rajshabye,	,	3,	•	1-5	There has been a good deal of rain throughout the district during the week. The rubbee crops are in a most satisfactory condition. They have been much benefited by the rain, but the peas, kalai, and khesari, have slightly suffered. Cholera has almost disappeared.
3	18	Rungpore,	"	2,	,	-47	Weather-Stormy The prospects of the crops are good.
I	16	Bogra,	••	3,	,,	0.23	Weather—Cloudy, with a little drizzling rain. The crops have yielded very good outturn. Mustard is being gathered.
l	15	Pubna,	69	3,		1:23	Weather—Rather unsettled. Heavy rain with thunder-storm on the night of the 31st January. State and prospects of the crops are satisfactory. Health of the district is good.
Ė	16	Darjeeling,	••	, 2 ,	,,	0.70	A great fall of snow in the hills adjacent to the station. Weather very cold with high wind and a sprinkling of rain. All the crops have turned out very well.
оси Венли Віти.	17	Julpigoree,	,	3,	••	-24	Weather—Very cold. The prospects of the cold-weather crops are good. Cotton is coming into market. A severe hall-storm took place at Fallacotta, attended with strong waterly wind, which resulted in the destruction of many houses and slight damage to the tobacco crop. Cattle disease has nearly disappeared in the parts affected.
ع ا	.	Cooch Behar,	**	1,	••	-41	Weather—Fair and cold. The cutting of the amus dhan is still going on; it is generally thought that the outturn will be about ten annas. The prospects of
		Eustern 1	Di stri	cts.		1	tobacco and mustard continue favorable. Fever cases are on the decrease.
ſ	18	Dacca,	Feb.	6,†	'77	1.75	Cloudy and rainy weather, which is most extraordinary at this season. The crops are favorable. The ploughing for early rice is going on fast.
<u> </u>	19	Farreedpore,	ņ	3,	**	-07	Weather—Cloudy with low barometer. 104 of rain fell at Goalando and 25 at Madaripore. State and prospects of the crops are good. Health is rather improved.
Васса Вгтя.	20	Backergunge,	••	1,		-83	Weather—Very warm for the time of the year. There was a shower of rain in the night of the 30th and the morning of the 31st January. The cold-weather crops promise well. The cholera epidemic has abated considerably.
ă	21	Mymensingh,	1)	2,	,,	. 0.22	Thunder with slight rain on the 1st instant. The weather has been colder since. Mustard has been gathered. The prospects of boro rice and kkesari pulse are good.
l	22	Tipperah,	••	2,	,,	-56	Weather.—Somewhat rainy in the latter part of the week. State and prospects of the crops are good.
{	23	Chittagong,	,,	١,	n	-02	Weather—Cool; latterly cloudy and warm for the season. The cold-weather crops continue promising. Cholera is prevalent at Sudder and Cox's Bazar sub-division.
re Dive.	34	Noakholly,	,,	1,		0:34	Weather—Seasonable. Slight rain on the night of the 30th January. The ames crops have been reaped almost everywhere in the district. Chillies, pulses, &c., are being sown, and are progressing well. Cholera is still very bad. Stray cases of small-pox are reported from kenny sub-division.
CRITIAGONG DIVE.	25	Chittagong Hi	ill Jan.	30,	,,	Nil	Weather—Cloudy in the first part of the night, very cold in the latter part. Foggy in the morning. Mustard has begun to be reaped; its prospects appear to be good. The jounishs have begun to seek their new places for joos cultivation. The prospects of sugarcane are bad. Cholera is still prevalent.
- 1		IIII Tipperab,	•••	31,	79	-83	Weather-Seasonable. The prospects of the crops are generally good.

Report of the 5th February shows rainfall during the aven days immediately preceding.
 Telegram of the 5th February shows rainfall during the saven days immediately preceding.

]	No.	District, a	nd dat urn.	te of		Rainfall at Sudder Station in inches.	
BE	HAR						
		Patna,	Feb.	Б,•	' 77	0-16	Weather—Cloudy at intervals. The late rice is well nigh harvested. The prospects of the rabbes crops continue favorable. Health of the district is good.
	27	Gya,		3,	19	0.83	Weather—Cloudy. Rain on two occasions. The crops are still reported to be in good condition, but damage is apprehended if the weather does not clear at once
	28	Shahabad,	••	3,	••	0.13	Weather—Cloudy and cold. The crops are reported to be promising generally throughout the district. There has already been too much rain, and the sky is cloudy. The rain has in places induced hlight, which is injuring the wheat and linseed.
PATRA DIVE.	29	Durbhunga,	,	3,	n	·55	Weather—Generally cloudy; damp and very cold at the close of the week. The prospects of the rabbee crops continue good. Tobacco and mustard are being gathered. The rain has done some harm to rabur and kerso in Mudhoobani.
PATER	30	Mozufferpore,	***	3,	"	-30	Weather—Cloudy and cold. The prospects of the rabbes crops are excellent. The root crops in the Hajespore sub-division have not been good this year on account of excessive moisture. Public health is good.
	31	Saruu,	•	3,	29	Nil	Weather—Partly cloudy and partly clear. There was a very slight fall of rain on the 31st January. The sky has again become unsettled. The rainfall at Gopalgunge has been '19 only. The crops are excellent throughout the district, but there is an apprehension of injury from kurda blight. The prospects of the crops will be much improved if there be warm and clear weather and steady west-wind. General health is good.
- {	82	Chumparuu,	*,	3,	70	0.5	Rain was not wanted. In the north-west of the district it was accompanied by heavy hail and caused some damage. The prospects of the crops are favorable except where they have been injured by hail.
ا ي	33	Monghyr.	n	3,		-08	Weather—Cloudy; '12 of rain is reported to have fallen at Begusciai, and '27 at Jamui. The rubbes crops are excellent.
BRAGULPORR DIVE.	34	Bhagulpore,	99	5,•	"	-38	Weather—Unseasonable and unpleasant. The crops, however, have not suffered. The thunder-storm on the 31st January was accompanied with a violent wind in Scopole, which caused damage to the houses, and 35 of rain fell. General health is very good, though small-pox cases are reported here and there.
Залот	35	Parnesh,	•	3,	,,	0.24	Weather—Cloudy and cold. The rainfall at Kissengunge has been '15, and at Arrareah '55. The rain has been of considerable benefit to the wheat, oat, gram, &c.
(36 188A	Southal Pergi	16. ₂ ,	4,	,,	0-17	Rain in the middle of the week in some parts of the district, and there is every appearance of fresh showers. 1:58 inches of rain fell at Deoghur, and '90 at Golda. The rabbse crops will be much benefited by the rainfall. A few cases of cholera now occurred in the Deoghur sub-division.
	37	Cuttack,	Feb.	3, 7	7	-28	Weather—Cloudy and unsettled. Slight rain has fallen and more seems likely to fall. The ploughing for early rice is going on. The winter crops are being reaped; the outturn is on the whole good, though kalai was slightly damaged by the rain of January. Public health is good.
ORISSA DIVE.	38	l'ource,	••	1,	ņ	Nil	Weather - Occasionally cloudy; 22 of rain has fallen at Khoordah. The daluatorop is in fair progress. The people are irrigating their lands by primitive methods. There was a scanty shower of rain near the city towards the north. It did good to some extent to the smoog crop. The state of kallki, sugarcant, linseed, and other miscellaneous crops is fair. Exportation continues on an increased scale in the chief sub-district, but in Khoordah it has decreased, and consequently rice is a little cheaper there. In the chief sub-district the rate is stationary. The public health is good.
1	39	Balasore,	*	ય ,	•	·47	Weather-Cloudy with south wind; foggy at night. Beavy rain falling at the time of report, which will cause much damage to the grain collected at and on
CH	OTA	NAGPORE.					its way to the ports of exportation. Ploughing has commenced in places. There were a few deaths from cholers in the northern half of the district.
		South-Wes		utier			
	·Ιυ	iyen Huzareebagh,	-	. 2.	77	0·10	Wenther—Cold and variable, but generally cloudy. The cloudy weather is inimical to the crops on the ground, predisposing them to blight; otherwise all continues favorable.
	41	Lohurduppu,	p	3,	.,	29	Weather—Still very unsettled, and heavy clouds hanging about. There was rain in the night of the 30th January. Similar weather is reported from Palamow. In the Nudder sub-division the prospects of the crops continue to be excellent. From Palamow the Assistant Commissioner reports that on the 16th January a heavy fall of hail did damage to the growing crops, particularly poppy, in the southern part of that sub-division. General health is good.
	42	Singbhoom,	•	3 ,	"	0-68	Unseasonable and most unusual weather for the time of the year. It is reported that wheat will be very good, but pulses will suffer owing to recent showers. General health is good.
	48	Maubhoom,	*	8,	.	0 -18	Weather—Cloudy during the greater part of the week. Sugarcane is being cut The rabbee crops, as reported before, are promising.

^{*} Telegrams of the 5th February show rainfail during the seven days immediately preceding.

Published for general information.

CALCUITA, STATISTICAL DEPT., The 6th February 1877.

Section 19 to the section of the sec

H. J. S. Cotton, Jr. Secy. to the Gost. of Bengal

SUPPLEMENT TO THE CALCUTTA GAZETTE, FEBRUARY 7, 1877.

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PRICES-CURRENT of Food-grains and Salt in the undermentioned

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A In the interior t	he prices		an tuli		Vheat 1	 13-6 to	17-8 m	eers, ba	 urley 38	to 40 s	wers, be	est rice]	 ld to 10-	15 mm		un rieu			أ د	··	

range as follow:--Wheat 13-5 to 17-8 seers, barley 38 to 40 seers, best rice 14 to 10-15 seers, common rice 16 to 22-8 seers, and gram 13-5 t

A in the interior the prices range as follow:—Wheat 13-5 to 17-8 seers, barley 38 to 40 seers, best rice 15 to 10-10 seers, common rice 22 to 28 seers, mains 32 to 35 seers gram 15 to 22 seers.

B in the interior the prices range as follow:—Wheat 15-to 22 seers, barley 21 to 40 seers, best rice 17-8 to 25 seers, common rice 22 to 28 seers, mains 32 to 35 seers gram 15 to 22 seers, and gram 15 to 29 seers, and gram 15 to 29 seers, and gram 15 to 29 seers, but the interior the prices range as follow:—Wheat 15-12 to 18 seers, barley 22-12 to 25-8 seers, best rice 10 to 11 seers, common rice 15 to 30 seers, and gram 16 to 25 seers.

E In the interior the prices range as follow:—Wheat 15-14-12 seers, barley 22-12 to 25-8 seers, best rice 20 to 26 seers, common rice 14-8 to 21 seers, and gram 16 to 18-12 seers.

F In the interior the prices range as follow:—Wheat 15 to 19 seers, best rice 12 to 19 seers, common rice 20 to 26 seers, seeming are 17-7 to 27 seers.

H In Roygunge the prices of food-grains are as follow:—Wheat 14 seers, best rice 22 seers, common rice 25-8 seers, and gram 25 seers.

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Districts of Bengal for the Fortnight ending 81st January 1877.

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I in the interior the prices range as f flow —Wheat 20 to 22 Resers, best rice 15 to 20 8 wirs, common rice 23 to 30 seers, and grain 15 to 18 seers.

In the Sangguage sub-division in the prices are as f flow —Wheat 30 to 22 Resers, best rice 6 to 15 seers, common rice 25 seers and grain 15 was a finite range as follow —Wheat 8 sears, barries 18 sears, best rice 6 to 15 seers, common rice 15 to 22 seers, leaser millets 15 to 16 seers, best rice 8 to 16 seers, common rice 15 to 22 seers, leaser millets 15 to 16 seers, best rice 8 to 16 seers, best rice 17 to 20 seers, and grain 10 to 16 seers.

In the interior the prices range as follow —Wheat 10 seers, best rice 8 to 16 seers, best rice 17 to 20 seers, common rice 20 to 25 seers, and grain 20 seers, and grain 15 to 25 seers, and grain 16 to 20 seers, best rice 17 to 20 seers, common rice 20 to 25 seers, and grain 16 to 20 seers, D is the interior the prices range as follow —Wheat 23 seers, common rice 16 to 17 seers, paddy 28 to 23 seers, and grain 15 to 15 seers.

In the interior the prices range as follow —Wheat 17 to 26 seers, best rice 18 to 23 seers, common rice 20 to 29 seers, and grain 15 to 15 seers.

In the interior the prices range as follow —Wheat 17 to 26 seers, best rice 18 to 23-18 seers, common rice 20 to 29 seers, and grain 15 to 17 seers,

In the interior the prices range as follow —Wheat 17 to 26 seers, best rice 18 to 23-18 seers, common rice 20 to 29 seers, and grain 18 to 17 seers,

SUPPLEMENT TO THE CALCUTTA GAZETTE, FEBRUARY 7, 1877.

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Districts of Bengal for the Fortnight ending 31st January 1877 .- (Continued.) THE SEER OF SU TOLAHS. AVERAGE WAGES PER MONTH. Abla-Bodied Aueloultural Labourer. Cornor Mason, Carpentur, or Blackemith. e or lediay STOR OR HORS GRAM. FIREWOOD SALT. retnro return Corresponding return of last year. Nest preceding return **Sert preceding return** Corresponding return of last year. Next proceding return Next preceding retar Next preceding retu Next preceding retu Corresponding 1 of last year. Corresponding of last year. Corresponding of last year. Present return. C.rresponding of last year. Present return. sent return. ent return. sent return.

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and gram 10 to 18 sees.

Linche interior the priors range as full or :-- Wheat 12 to 18 seers, best rice 21 to 26 seers, common rice 23 to 29 seers, and gram 12 to 18 seers.

HALLER WAS ENGLISHED FOR STANDING

W In the interior the prices range as follow: - Wheat 13 to 19 acers, barley 17 seers, best rice 20 to 27-6 seers, common rice 21 to 26-6 seers, marws 10 to 46 seers, marks 10 to 46-8 seers.

X . In the interior the prices range as follow :—Wheat 1: to 20 score, best rice 20 to 37 seers, common rice 2: to 32 score, lesser millets 40 score, maine 35 to 18 score, lesser millets 40 score, maine 35 to 18 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, lesser millets 40 score, maine 35 to 30 score, millets 40 score, maine 35 to 30 score, millets 40 score, maine 35 to 30 score, millets 40 score, millets

T. In the Khordah sub-division the prices are as follow:—Best rice 17-5 seem, common rice 21 seem, and gram 17-1 seem.

In the macrior the prices range as follow:—Wheat 16 to 18 seem, barloy 30 seem, best rice 12 seem, common rice 25 to 25-8 seem, losser millets 46 to 50 and gram 16 to 18 seem.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

-	<u> </u>		45 E	# # 5 V		PROM 107	
9	Districts.	Stations.	for the same	from 91st to h Jacousty 77.		877.	Remares.
DIVIMORE			Rain from 14th to Seth January 1877.	Rain fr 87th 1877.	Inches.	Up to date.	
BE	NGAL.						
	WESTERN DISTRICT		Inches.	Inches		1877.	
•		Burdwan	0.03	Nil ditto	0-26 0-70	27th Jan. ditto	
ſ	Burdwan	Culna	0-62 0-62 Nil	ditto	1.33	ditto ditto	
i		Rancogningo	0.14	V20 Nil	0·96 0·97	ditto ditto	
ł	Bankoora	. Bankoora	0-28	Not rec.	0.52	20th Jan.	
	Beerbhoom	Sooree	0.30 0.12	0.05 0.13	2·86 2·86	27th Jan. ditto	
BURDWAY.		Roypore	0.10	Nil	1.13	ditto	
	l	Midnapore	Nil	0·05	1.43	ditto ditto	
	Midnapore	Ghattal CDy, Colle,'s Office	ditto ditto ditto	Nil ditto	1:35 0:67	ditto ditto	
. }		Contai Exe. Engr.'s Office	ditto	ditto	0.67	ditto	
1	Hooghly	Hooghly Serampore	ditto U 05	dillo ditto	1.19	ditto ditto	
Į	Howrah	Howrah Maheshrekha	0·17 1·45	ditto Not rec.	1·32 1·45	ditto 20th Jan.	
	CRETRAL DISTRICT	1					
		Sangor Island	0.30	Nil ditto	2:20 2:03	27th Jan. ditto	
		Alipore { Dispensary	010	0.03 Nil	2°05	ditto ditto	
•	24-Pergunaahs		Not rec. 011	ditro ditto ditro	1.98	ditto	Not rec. from 14th 20th January.
ı		Diamond Harbour Barripore	0-09	oros Nil	1·86 2·75	ditto ditto ditto	
		Satkhira Barrackpore Dum-Dum	0-98 0-04 0-50	ditto	1·13 1·13	ditto ditto	
		Kishnaghur	0 40 Nil	ditto ditto	0.91 1.05	ditto	
اد	Nuddes	Meherpore	0°20	ditto	U50	ditto	
PRESENCE.		Kooshtea	0°25	ditto ditto	0.61 1.03	ditto ditto ditto	Ditto ditto.
ä		Jessore	0'05 0'11	Not rec. ditte	0.80 0.88	20th Jan.	
<u> </u>	Jessors	Khoolna	0.27	ditto ditto '	1·28 1·00	ditto ditto	
-		Bagirhat	Nil 0.25	ditto ditto	1·50 0·74	ditto	•
		Berhampere Rampere Haut	0.84 0.34	Nıl ditto	2.01 2.31	27th Jan. ditto	
-	Moorshedsbad		0 ⁻⁹⁵ 0 ⁻⁸⁷	ditto	3-89 3-81	ditto ditto	
		Laligolla	Nil 0'35	ditto	3.30 1.86	ditto ditto	
		Kandse	0.43	ditto 0-01	1·79 1·25	ditto	
1	Dinagepore	Dinagepore Raigunge Maldah	0-01 0-34 0-39	Nil ditto	1.68	ditto ditto ditto	
	Maldah	Chanchal	023	ditto	1.62	ditto ditto	
ا۔	Rajabahye	Nattore	0:58	ditto	2-68	ditto	
RAJESTATE.		Rungpore	0.49 Nil	ditto ditto	1.23 1.28	ditto ditto	
5	Rungpore	Bagdogra	ditto ditto	ditto ditto	1·26 0·78	ditto ditto	
œ	Bogra	Sherpore	0.20	ditto ditto	1728 1795	ditto ditto	
.		Panchbibi	Nil	ditto	1.00	ditto	
	Pubna	Pubna Berajgunge	0.70 1.60	ditto ditto	1·78 2·25	ditto ditto	
1	Darjeeling	Darjeeling { Telegraph Office	oa7 Nil	Not rec 0.68	1·17 2·08	20th Jan. 27th Jan.	
EAR.		Julpigoree	.ditto	Nil ditto	0.97	ditto ditto	
COOCH BEEAS.	Julpigoree	Buxa-Civil Surgeon's Office	1	0.08	078	ditto	
Coec	Cough Bobs Tolling	Titalys	Nil	Not rec	1.80	20th Jan,	
	Cooch Behar Tribute States	Occah Behar	0.10	Na	. 1.27	27th Jan.	
					ــــــــــــــــــــــــــــــــــــــ		·

livisions.	Diergion	٠.	ST	Ations.		Rain from 14th to 20th January 1877.	Rain from 21st to 27th January 1877.	JA	FROM 1st HUARY 1877.	Remarks.
- 514			<u> </u>			Rein to 25	Rain (27th 1877	Inches.	Up to date	5.
H	KNGAL.—(Conf	inved.)							1	
	KASTERS DIST	'Bluts.				luches.	Inches.	i I	1876.	
		1	Dacca } Tek	Bereph Offic Spital		oron Nil	Not rec.			
í	Ducca	{	Moonsheegung	•		0.20	Nil ditto	0.43	27th Jan.	Ditto ditto.
	Furreedpore	{	Manickgunge Furreedpore Goalundo	***		/\ /*	ditto	0.88	ditto	
DAGGA.	Fullesuporo		Madaripore Burrisai	***	•••	0.02	Not rec.	0:37 0:59	20th Jan. ditto	1
١	Backergunge	{	Perozenore Patnonkhally Dowlutkhan	*** *** ***	•••	(120 (130	ditto ditto ditto	(1.87 1.18 1.25	ditto ditto ditto	
İ		,	Mymensingb	•••	•••	i ditto	ditto Nil	N:1 1:62	ditto	Not rec. 12th and 13th Ja
į	i Mymensingh 	}	Jamalpore Atia Kishoregunge	••• •••		0.18	ditto	1·65 1·35	ditto ditto	
	: 		!	elegraph O	 Mina	!	ditto ditto	1·18	ditto ditto	
.[t hillagong		Cox's Bazar	ail	 	70°0) 22°1)	ditto ditto	0°08 0°55	ditto ditto	
9	Nonkholiy	₩ {	Fenny Comillah	***	•••	(r21 (r10 (087	Nil ditto ditto	0·71 (r75 (r55	ditto ditto ditto	į
CHITTAROPE	Tippersh	- " { -	Brahmunbaria			0 47	ditto	1.33	ditto	
5	Chittagong Hill Hill Tipperak				•••	0°21 0°76	ditto	0.25	ditto	
	••	•••	: Hill Tipperab	•0•	•••		ditto	1.12	ditto	
BRH	IAK.	r	· · Patna			. 001	ditto	1:41	ditto	
רי	Patna		: Behar , Barb	•••	 	0° 7 Nd	U18 U11	1.26 1.08	ditto ditto	
- İ;	•	l		Jai) Cantoumen		ditto ditto	Nil ditto	1·20 1·20	ditto ditto	
	(iya		Gya Nowadah	***		0:36 0:37	ditto ditto	0.76 1.43	ditto ditto	
ı I			Arungahad Jeha naha d	•••		0°20	Not rec.	0°17 1°93	ditto 20to Jan.	Not rec. 12th Jan.
	Shahabad	 {:	Arrah Sasseraw		**;	0 63	Nil ditto	2:40 0:05	27th Jau.	
- 11	CHEHRION	" ک	Ruzar Bhubooab	101	!	0.30 0.50	ditto	7.10 5.89	ditto : ditto :	
PATSA.			Mozufferpore		:		Not rec.	1.02	2 th Jan.	
	Mornflerpere	į	Hajeepore Serumurhee	•••	:	बेसक ए७०	dirto dirto	1·71 2·33	ditto ditto	
	Durbhungu	{	Imrbhungs Madheshunnse Tappore	•••		0.11 0.01 Nil	oros Nil ditto	1°96 1'80 2'05	27th Jan. ditto ditto	
j	N	G	Chupra			ditto	ditto	2.00	ditto j	
	Sarun	J.	Sewan	•••	:	rou	ditto	3.83	ditto	
ij	Chumj:aruu	{ j	Motiharee Betriah	••		0°84 0°85	ditto ditto	3·91 2·67	ditto ditto	
	Mongbyr	5 [Monghyr liegoo Serai Jamoose	• 6 • • • • • • • • • • • • • • • • • •		1707 Nil 0788	008 002 Nil	1.88 1.02 1.03	ditto	
		ſ	Bhaguipore Soopool	•••	;	0.36	oro3 Nil	1:48 1:25	ditto ditto	
KKAGULFARE.	lingulpore	- 1:	Muddehpoors Banks	···		0.70 1.00	Not rec. Nil	5.00 5.00	20th Jan. 27th Jan.	
		Ĭ,	Sonburs. Purneab	***	l	0.49	ditto ditto	0.08	ditto ditto	
Ē	l'urnesb	}:	Kireengunge Arrarran	101 101		0.13	oros Nil	1.07	dicto ditto	
		ſ	Nya Doomka		_	0.17	ditto	2.07	ditto	
	Southal Pergunnal	16 ∢ ¦	kajmahal	***	1	Not rec.	ditto ditto	Nil 1:30	1	Not rec. 11th to 20th Jun.
(1)			Deoghur						ditto	

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IOM.	biers	10 78 .	1	STAT	10 88.		Rain from 14th to 90th January 1877.	om 21st to January	JAI	FROM 107 TUARY 877.	Remarks.
DIVISION.							Rain to 900	Rain from 5 87th Ja 1877.	Inches.	Up to date.	
RI	HHA.						Inches.	Inches.		1877.	
			ſ	Cuttack To	degraph ()d ospitai	Nae 	0-20 0-08 Nil	Nil ditto 0.05	0°50 0°58	27th Jan. ditto	
í	Cutteck	-	4	Jajpore Kendraparah Jugutangpore	.g.	•	ditto	Nil ditto	1:95 1:90 1:40	ditto ditto ditto	
			Ų	False Point	•-	-	1.25	ditto	1-75	ditto	
	Poorre	***	{	Pooree Khurdab	90- 10-		0°04 0°13	ditto dit t o	0.04 1.20	ditto ditto	
1	: ! !		ſ	Balasors { K	re. Eugr.'s ()Eco Meo	Not rec. Nil	Not rec. ditto	1.00	13th Jan. 20th Jan.	
	l		- 11	Bhadrack			ditto	ditto	0-1	dirto	
1	Halamte	•	1	Jeliasore	101		ditto	ditto	1.17	ditto	
			11	Soran	•		ditto ditto	ditto ditto	0.32 0.40	ditto ditto	
Į		_		Chandbally	•=•	***	1:01	1.07	3.89		
	Cuttock Tribu	-		Numbalpore	•	•••	1.01	10/	0.03	27th Jan.	
	CHOTA N	AGP(EE.								
	BOUTH-W										
	}		(Hazareebagh	{ Jail Disponer		(1-29	0.18	1.86	ditto	
i	Hazareebagi)	₹	Pachumba			0.34	0.7 3	1.79	ditto	
				r wonthings	•••	-40	0-05	Nil	1.37	ditto	
	Loberdugge		{	Ranchee	-	w.,	0.29	0.60	87/3	ditto	İ
	Total confide		{	Palamor .	181	•••	1.10	0.30	1.22	ditto	
	Ningbhoom	•••	•••	Chyebassa	•		0.87	0 89	8-33	ditto	
	Manbhoom	•••	 {	Purulish Govindpore	•••		0°35 U°26	0°25 0°23	0 86 8-09	ditto ditto	
	asmam & A Hili		KNT			į					
	Sylhet	***	***	Sylhet	elle		0.53	Nil	1.90	ditto	
	l		ď	Heebeauger			0.48	Not rec.	0.03	20th Jan.	i
	l		ī	Golughat	•		U-66	ditto	0.82	ditto	l
	1			Jorenaut			Not rec.		Nil	13th Jan.	
1	Heebnugor		ال	Deopanie Hattiepeetse	***	•••	ditto ditto	ditto			Į.
i	· Truncu gur	•••	≺	Marengah			ditto	ditto	•		
į			- 11	Nazeurah	***		ditto	ditto		••- ••	
:	}			Suntock	100		ditto	ditto			
į			Ū	Cherideo	101		ditto	ditto			
	ı			Akyab	•••		Nil	Nil	Nil	27th Jan.	
:			- 1	•							

CALCUTTA, The 3rd February 1×77.

John Elliott, M.A., Meteorological Reporter to the Govt. of Benyal.

Meteorological Telegraphic Report for the period 28th Jan. to 3rd Feb. 1877.

j	į			Barometer	Berometer	THERE	OMBTRE	. Þg	With	D.			
3	-	Date.	Hour.	reduced to 82°.	to sen- level.	Dry.	Wet.	Humidity Set.=100,	Direction.	Velocity.	Rain.	Clouds.	Weather instella
CALGUETA		Jan. 28th 29th 30th 51st Feb. 1st 2nd 8rd	16 10 18 10 16 10 16 10 16 10	80°151 80°190 80°049 89°855 80°049 89°913 80°049 89°907 80°001 29°887 80°011 29°933 80°011 29°933	80°170 30°039 30°108 39°974 30°089 39°138 30°089 30°030 38°9-16 30°030 30°030 30°030 30°030 30°030 30°030 30°030 30°030	71-0 77-4 78-8 74-5 82-0 69-6 73-5 77-5 62-6 63-6 05-0 71-3	60:0 61:8 69:4 68:5 70:5 72:4 67:5 68:7 69:5 60:0 60:8	87 81 58 81 61 90 72 77 65 86	W by 8 W d W W d W S W S by E S W M N W S B d W N H S B d W N H E S E		0°87	C CS, C K K CS CS, K K C CS CS, K K C CS K K C C C K C	0
SAUGUE TELLED		Jan. 28th 29th 30th 31st Feb. 1st 2nd 3rd	10 16 10 16 10 16 10 16 10 16 10	30-106 30-021 30-029 29-030 30-010 29-937 30-09 20-890 30-004 20-890 30-004 20-891 20-982 29-983	80*119 30*027 30*078 30*048 30*048 30*048 30*048 30*048 30*014 20*905 30*014 20*905 30*014 20*929 20*928	- 69 76 75 78 77 78 79 61 60 70	64 69 73 74 74 60 73 78 60 60 61 65	95 69 72 78 84 85 76 86 70 94 91 67	NNW SHE SHE SW SW HSW WSW NNW NE NNE NNE NNE	2*2 47 2*5 7*1 6*3 6*3 6*1 7*3 5*8 67 10*3 40 7*4	0'80 0'80 0'50	K K F F F CS KS F P F K F CS KS F F K KS F	f, f b, f, m b, m, f b b c, m, f b c d d d d,g,o, senda, b b
CHITAGONG.		Jan. 28th 29th 30th 81st Feb. 1st 2nd 3rd	10 :6 10 16 10 16 10 16 10 16	80 074 2: P830 3: P14 2: P878 2: P78 3: P14 3: P83 3: P83 2: P84	30-109 8-ru23 30-100 29-9-16 30-078 29-9-73 30-031 29-9-73 30-041 29-9-34 30-041 29-9-36	70 78 70 78 73 81 61 77 78 77 68 61 74	63 64 63 61 66 56 57 72 67 63 63 68	06 48 06 43 40 49 58 57 74 77 95 95 85	NNE WNW NNE WNW ENE WNE NNE SSW SSW NE NE NNE	3 6 6 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8	0-10 0-20 0-80 0-80	S C C C C C C C C C C C C C C C C C C C	## ## ## ## ## ## ## ## ## ## ## ## ##
Madrae.		av. 27th 28th 29th 3eth 31st feb. 1st	10 16 10 16 10 16 10 18 10 18 10 10	30°108 30°100 30°131 20°989 30°680 29°934 30°056 29°956 30°050 29°972 20°1005 30°948 20°707	30*131 30*023 30*154 30*169 30*169 30*079 30*073 30*073 30*018 20*971 20*971	83 83 82 89 89 83 83 82 82 83 83 81 83	71 71 71 71 72 71 72 72 72 70 72	64 64 64 64 64 64 64 64 64 64 64 64 64 6	ENE NENE NENE ENE NEONE ENE NEONE ENE NEONE ENE E	7 13 8 8 7 9 5 7 0 3 5 9 10			0 4, c c c c c, c b, c c, c b, c b, c
CUITA:R.		an. 28th 20th 30th 81st 8b. 1st 2nd 3rd	- 10 10 10 10 16 10 16 10 16 10 16 10 16 10	30*001 20*021 20*040 20*0454 20*040 2	30-144 30-003 30-003 30-040 30-030 20-686 8 -083 30-013 30-013 30-013 20-80 30-030 20-80 30-030 20-80	78 84 78 80 80 80 77 84 64 64 67	71 70 71 71 73 67 71 71 71 61 60 60	70 47 70 47 70 45 84 84 84 84	N N W N N W N N W N N W N N N W N N N E N E N E N E N E N E N E	7'd , ,	0-20 0-10	K, C K, C K, C K, C C, P, CK, PC CK, K A, PK, O P P P C, CK	ь . в ф й й о о о
AKTAS.		an. 28th 29th 30th 31st 2b. 1st 2nd 3rd	10 16 10 16 10 10 10 10 10 10 10 10 10 16	30-110 29-180 30-136 20-136 20-136 20-136 20-170 20-170 20-14 20-1	80-182 29-003 30-070 20-030 30-058 20-053 20-053 20-053 20-043 20	78 77 74 80 77 69 70 70 70 77 80 78	66 60 64 60 68 67 73 69 73 70 69 71	68 53 55 44 49 51 67 03 69 74 73 58 58 58 70	NE NW NW NW NW NW NE WNE WN NE	0 % 2 % 2 % 3 % 4 % 4 % 4 % 4 % 4 % 4 % 4 % 4 % 4		C	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

· Velocity of wind in miles per hour.

CALGUITA, The **3rd** February 1877. JOHN ELLIOTT, M.A., Meteorological Reporter to the Government of Bengal.

Resúlts of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 22nd to 31st January 1877.

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		a ta	THE	RMOMI	ITBB.			\$	į	Wı	TD.				
Month.	Date.	Mean reduced barometer.	Highest reading.	Lowest reading.	Max. colar radia-	Mean dry balb.	Mean wet bulb.	Computed mean point.	Mean degree of humidity.	Prevailing direction.	Max. presente.	Daily velocity.	Rain.	Moon's phases.	Gerhar Remarks.
	ļ	Inches.	0	0	0	0	0	0			D.	Miles.	In.	Π	
Jan.	22nd	30.067	76-6	60.5	127:7	67-5	61.2	50-7	0.70	NNELNE		1198		>	Chiefly cirri.
	23rd	-108	70.0	61.4		05-4	61:4	68-2	-79	NW & W	•••	103-9	•••		Stratoni and overcast.
	24 th	-134	78-5	59-4			62-7	58-5		W by 8 &		58-9			to 11 P.M. Drizzled at 10, 11 A.M. & 19 P.M. Clear, Slightly foggy from midnight to 9 A.M. and at 7 P.M.
	251 h	.000	77-2	60.0	129-0	68:3	61.7	66-4	-67	NE&NNE	•••	118-3	•••		Clear. Slightly foggy at 10 & 11 P.M.
	20th	*047	76 5	60-2	126.9	68-3	62.4	57·7	•70	NNE,NW	•••	102-7	100		Clear and cirri. Slightly foger at miduight and
	27th	·078	77·R	62-5	1 3 1.0	60.0	63-9	58-0	-7 0	W by N & W	***	60.4	•••		l A.m. and at 11 r.m. Clear and cirri. Slightly foggy at midnight and
	2×th	·074	78:3	60.2	1 34 ·0	08-9	63.3	56-8	·67	W & W by	•••	07-0	•••		from 8 to 11 P M. Civri & cirrostrati. Slight- ly foggy at midnight and 1 A.M.
	29th	·015	79.5	03.2	186-0	70-7	66.3	62.8	•77	Why S&S	•••	48-4		0	Cirri and cirrostrati.
	COth	2V-066	83-0	08.2	138.0	74:1	70-3	67-6	-81	8 W & 88 W	•••	71.3	•••	•••	Clear and cumuli. Slightly foggy from 4 to 6 A.M.
:	31st	-988	7 8 •0	64.8	184.5	720	68-8	68-3	*83	s w & s s w	03	87-6	0.87		Thunder lightning, and rain at 11‡ r.m. Overcast and cirrocumuli. Thunder and lightning at midnight and 1 A.B. Hain from midnight to 5‡ A.M.
						•						i	1		

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the

twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

_			\leftarrow
	variation of temperature during the past ten days	•••	23.6
The maximus	n temperature during the past ten days		88.0
The maximum	n temperature during the corresponding period of the past year	•	82:3
The mean hu	midity during the past ten days		0.74
The mean hu	midity during the corresponding period of the past year	•••	0.61
•			Inches.
The total fal	of rain from 22nd to 31st by lower rain-gauge	•••	0.87
	C by an emometer gauge	•••	0.80
Ditto	ditto ditto, average of twenty-three previous years		0.50
Ditto	ditto between the 1st and 31st January		5.80
Ditto	ditto ditto, average of twenty-three previous years		0.45
	()OPERAL	ITH SI	sn.
		_	

In charge of the Observatory.

The 3rd February 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 27th January 1877, on 1,279? miles open.

	•	COAGRIN	e 7	PAI	FIC.			Mrron	AWD	CE AND	MIN	ZZ	al Trai	PIC	اا	_		İ	TRAIT	Miles i	LUN.
	No. of paramin- gers.	Co	ạ ch	ing	receipt	.		Weig			R	nce	ipte.	•	1	TOTA TRAP RECEI	FIC	•	Conch- ing.	Merchan- dise.	Total.
		Rs.	A	. P.	e		d.	Mds.	Brs.	Rs.	Λ.	P.	e	·	2.	Ra.	A. 3	P.,	!	:	
Total traffic for the week	127,806	2,00,300	4	9	18,30	0 17	2	13,00,0	P4 10	5,89,439	13	o	800,18	11	2	7,90,139	1	9	51,037 ?	14176455	154.929
Or per mile of railway For previous	•••••	180	8	3	1	+ 6	11			400	14	5	43	5	ď	617	6	8			*****
3 weeks of half-year	475,939	9,82,614	4	9	85,10	2 10	5	35,05,	531 0	! 15,40,122	8	6	132,836	4	7	2 1,81,770	13	3	162,615	2×0,4045	419,019
Total for 4 weeks	603,746}	11,32,94	9	6	103,87	3 1:		49,61,6	29 10	20,34,0G	5		186,904	15	9	31.71,909	15	<u> </u>	213,652}	340,247	599,149,
COMPARISON.												•						·		1	
Total for corresponding week of previous year Per mile of railway, cor-	144,460}	2,80,157	5	. 1	25, 0°	1 1	9	10,00,1	11 10	4.00,304	. 11	3	37,527	16	7	6,44,651	13	: •	48,100 :	72,652	120,513
responding week of pre- vious year Total to corre- a p o n d i n g	•••••	216	14		:	(O)	4	,		; 319	14	•	21)	G	4	534	13	1	j		•••••
date of pre-	540,851	11,14,400	1	. 5	: ; 102,1:	N 10	10	; 39,83.	110 34	 16,38,800	. 3	3	150,231	17	6	! 27,53,357	4	8	311,154	206,130	507.284

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 27th January 1877, on 2237 miles open.

!		Ra.	A. P.	£ 4.	d.	Mds. Srs.	. Rs. A. P.	# 8. d	. Rs. A. P.	:
Total traffic for	0,206)	14,050	11 9	1,651 1	3 0	2,05,526 50	67.077 1 0	0,14N 14	85,127 12 P	4,801} 13,861} 18,843;
Or per mile of railway	*****	80	10 9	7	7 11		200 12 7	27 9 1	340 7 4	:
For previous; 3 weeks of half-year	24,241]	1,19,574	12 9	10,142 1	7 11	6,85,191 0	1,79,823 0 0	10,153 15 (1 2,00,199 13 9	17.768} 44,161} 65,927;
Total for 4	30,453	1,37.427	b 4	12,047	0 1	9,50,717 30	. 2,46,500 1 O	22,432 10	3,×1,327 9 6,	22.755 62.01d} 84,771;
Comparison.		<u> </u>						•	!	;
Total for corre- a p o n d i n g week of pre- vious year Per mile of railway, cor- responduse	0,646	19,340	0 9	1,576 1	3 5	90,071 30	22,106 l o	2,002 6	6. 41,858 1 9	4,051 4,085 9,596
week of pre- vious year Total to corre-	******	196	8 5	7 1	H 8	•	100 8 9	. 94	187 1 2	;
s ponding date of pre- vious year	27,194	80,408	12 3	8,201	6 1	5,%5,0 3 1 3 0	8 3 ,547 5 0	7,658 10	1,73,016 1 3	19,988 21,801 41,787

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 27th January 1877, on 28 miles open.

	C	COACHING TRAFFIC.	Merchaydi	BE AND MINERAL TRAPPIC.	Total
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	receipts.
		Ra. A. P. & s. d.	Nds. Srs.	Rs. A. P. & s. d.	2 e. d.
Total traffic for the week	10,964	1,508 0 0 159 16 0	19,226 0	08 80 0 0 180	228 4 0
Or per mile of railway	391	57 0 0 5 14 0	g86 O	24 5 0 2 9 0	8 3 0
For previous 3 weeks of half-year	80,183	4,104 0 0 410 8 0	44,254 0	1,471 0 0 147 3' 0	<i>5</i> 57 10 0
Total for 4 weeks	41,147	5,70± 0 0 570 4 0	61,460 0	2,185 0 0 215 10 0	785 14 0
Comparisor.					
Total for corresponding week of previous year Per mile of railway, corresponding	13,706	1,094 11 6 109 9 6	17,188 85	519 12 9 51 19 6	FI 9 0
week of previous year Total to corresponding date of	490	00 8 8 6 1 1	613 4	18 9 0 1 17 1	7 18 9
previous year	86,150}	4,500 4 6 450 18 7	89,070 85	1,634 1 6 162 8 1	651 6 8

EASTERN BENGAL BAILWAY. Approximate Return of Traffic for week ended 27th January 1877, on 1582 miles open.

		COACHING TRAI	FIC.	Menchard	ISB AND MINERAL TRAPPIC.	Total
	Number of		receipts.	Weight carried.	Beceipts.	receipts.
		Rs. A. P.	£ s. d.	Mds. Srs.	Ra. A. P. & s. d.	£ s. d.
Total traffic for the week	45,571	20,136 13 6	2,070 17 6	1,55,631 85	30,597 15 N 3,629 10 4	G,100 13 10
Or per mi'e of railway	292	184 1 11	16 17 7	1,175 30	250 3 7 22 18 N	.39 16 5
For previous 3 works of half-year	92,445	00,44G 15 9	6,090 19 6	4,98,226 14	1,06,097 14 6 9,780 12 9	15,871 12 8
Total for 4 weeks	137, 130}	95,543 18 8	8,761 17 0	G. 818,784.D	1,46,295 14 2 13,410 9 1	22.172 G !
Comparison.	!—————— !					
Total for corresponding week of previous year	43,221	28,984 13 0	2,652 7 2	1,53,731 58	20,780 3 4 2,726 1 10	6,378 tr 0
week of previous year	273	182 13 6	16 15 3	971 18	187 14 D 17 4 6	33 19 P
blegiotis han	152,998	1.11,070 14 4	10,182 0 11	6,51,637 28	1,26,584 14 4 11,603 12 5	21,785 18 4

NALIIATI STATE RAILWAY.

Approximate Return of Traffic for week ended 27th January 1877, on 274 miles open

											_								_	
:	ļ	Ra. A.	Ρ.,	£	4.	d.	Mq	L NA	٠į	lis.	A.	P		T,	4.	u,	£	A.	۵.	
Total traffic for the week ;	2,711	1,310 0	0	131	4	ø	10,	na i	p i	607	0	69		60	H	0	. 191	14	0	
Or per mile of railway	90	48 0	0	4	16	0	į :	32 (n ;	22	U	0		2	4	0	. 7	()	Ç	
For previous 3 weeks of half-year	5.777	4657 d	0	213	14	v	i 27.0	711 (,	1,514	U	0		NI	12	0	147	(.	(
Total for 4 weeks	8,456	3.(417 0	0	Sun	1.	0	37.	77	D .	2,427	U	"	=	12	ď	4)	638	· ·	٠ -	
Comparison.	•						į													
lotal for corresponding week of	1,911;	Shen is	d	\$4	1	2	14,1	14 10	b į	1,083	4	19	1	Q٩	6	1	194	, 7	ä	
Per mile of railway, corresponding week of previous year lotal to corresponding date of pre-	70	33 u	v	:	6	1	;	17	y į	-350	12	ø		3	179	ti	7	ı	7	
vious year	5.267	1,209 4	2	13	18	6	: 47,	194	o ¦	5,543	u	9		in:	ij	1	777	•	•	

No. 7 of 1877.

[REGISTERED NO. 29.]



The Calcutta Gazette.

WEDNESDAY, FEBRUARY 14, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GARRITH may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 10th February 1877.

	No.		District, a		te o	ř	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BI	NG	AI	A					•
			Western	Distr	icls.			•
		1	Burdwan,	Feb.	. 12,	•77	1.29	Weather—Now clear and cool. The rainfall at Cutwa has been 1-24 inches, at Boodbood 1-55 inches, and at Ranesgungs 2-01 inches. The prespects of the Grops are satisfactory. Health is generally good.
AF DIVE.	Į	2	Bankoora,	••	10,	30	1.61	Weather—Showery and cool. State and prospects of the crops are favorable as before. The late rain has done much good to the winter crops.
BURDWAY		8	Beerbhoom,	,	10,	••	1.68	Weather—Unusually wet. The unusual rain will do some injury to some of the pulses; the other cold-weather crops (wheat, barley,) and sugarcane will be benefited.
	į	4	Midnapore,	•	10,	99	8-08	Weather—Most unseasonable. Very heavy wind on the 4th instant. In the south the weather appears to have been temperatuous, and some less of life and more of cattle is reported. The heavy wind and drenching rain have injured the paddy stacks and gathered rice to a considerable extent. The rain will also have injured the linseed, castor, and other cold-weather crops. On the other hand it has been beneficial to indigo, til, and spring rice. Cholera decreased, but fever increased in consequence of the wet weather.

[•] Telegram of the 12th February shows rainfall during the seven days immediately preceding.

1	To.	District, as		ate of		Rainfall, at Sudder Station in inches.	
BE	nga	L.—(<i>Contd</i> .)					
		Western 1	Distr	icts.			
BURDWAN DIVE.—(Confd.)	5	Hooghly,	,,	10.	••	2:06	Weather—Abnormal for this season of the year; cloudy from the 4th to the 8th instant. Rain on the 4th, 6th, 7th, and 8th, accompanied with strong wind on the 4th and 7th. The rice lands are being ploughed. The late heavy mans have injured peas, gram, season, potatoes, and mange blossoms, but have benefited the vegetables and indige. Public health is normal.
Водрами		Howrah,		10.	•	1.87	Weather—Again cold, wet, and windy, Fortunately there are no crops on the ground to be endangered by the bad weather and rains.
		Control .	Diel	riots.			·
ITAH.	6	24-Pergunnah	a, Po	b. 1 8 ,	•77	1.41	Weather—Rainy, with the exception of the last two days. There was a strong gale on Sunday, the 4th instant. The late storms and rain have damaged materially the cold-weather crops and paddy stacked in the open air. The wind was particularly strong in Diamond Harbour and Barripore, where injury to life and property has been done. Cholera has not disappeared.
PRESIDENCY DIVE.	7	Nuddes,	**	10,	"	1.88	Weather—Stormy, with rain, and unusually cold. Not much harm has been done to the standing crops, except tobacco, which is said to have suffered. The rain will enable ploughing to go on everywhere.
Pane	8	Jessore,	••	10,	**	1.81	Weather—Cold and wet. The excessive rain has injured both the rice and winter crops to some extent, but will soften the ground for ploughing for the early rice and will do good to the indigo crop.
ţ	9	Moorshedabad	y 90	10,	,	1 -25	The weather was cold and cloudy, and occasionally rainy. It has now cleared. The prospects of most of the chaitali crops continue to be good, but gram and mustard have been injured by the rains. Prices are almost steady. Cholora is prevalent in Dunigram, Debagram, and Gopgram, in the jurisdiction of the Rampore Haut sub-division. Health is otherwise good.
1	.10	Dinagepore,	••	9,	**	·18	Weather—Cloudy, followed by foggy morning. The rainfall at Roygunge has been 65 of an inch. The rain has done much good to the crops.
1	11	Maldah,	p	10,	,	-42	Weather—Pretty cold, and except the last two days of the week it was cloudy. Slight rain tell on the 4th, 7th, and 8th instant. Mornings generally foggy. Wind from the east and north-west. The crops are in splendid condition. Twenty-six deaths from cholors reported.
RAPHARYS DIVE.	13	Rajshahye,	9*	10,	•	1-11	There has been plentiful rain all over the district during the week. The rain has done some slight injury to khaesri, peas, masoor, and gram; but the condition of the standing wheat, barley, and cheens crops has much improved. The officer in charge of the Malunchi outpost reports that the rubbee crops of six or seven villages in his jurisdiction have been entirely destroyed by hall. No sickness prevails in the district.
3	18	Rungpore,	,	9,	•	11	Weather—Cold. The rainfall at Kurigram has been 55, and at Bagdogra 66. Prospects of the winter crops are good.
	14	Bogra,		10,		-65	Weather—Unsess nably damp and chilly. Up to date the harvest is in all respects very good. The oil-seeds also promise excellent results, but it is feared that the rain in the district, which has been much heavier than noted, will do much harm to the tobacco crop.
Į	15	Pubna,	•	10.		1.08	Weather—Stormy and unsettled till the 8th instant; now fair and seasonable. State and prospects of the crops continue to be satisfactory, and the bealth of the district is good.
COOSE BREAD DIVE.	16	Darjeeling,	,,	9,	,	-56	Weather—Sharp cold; there has been another fall of snow, and a little rain during the week. The winter rice crop has all been threshed and has given a good outturn. The young wheat and barley are doing well, the recent rain having been favorable for them.
	17	Julpigoree,	*	10,	**	Few drops.	Weather—Very cold; mornings foggy. The kaimanii harvest is over with favorable outturn. Mustard is being resped. Public hearth is good.
§ (•	Cooch Behar,	99	8,	••	Nil	Weather—Cold and cloudy. A very unpleasant east-wind has been blowing for some days. From the morning of the 7th instant the clouds have been gathering, and more rain may fall; 9 has fullen at Dinhatta. The cutting of the haimesti ches is nearly finished. In some places in Mattabhanga the tobacco plants have been injured by hailstones which fell on the night of the 31st January; no similar reports, however, have been received from the southern portion of the Raj, where the crop is doing well. The prospects of mustard seeds generally continue good.

^{*} steport of the 13th February shows rainfalt during the seven days summediately preceding.

×	lo.	District, as retu		ta of		Rainfall at Sudder Station in inches	
BK)	NGAL	ı(Continued	.)				•
		Bastern .	Djetr	iote,			·
	18	Dacca,	Feb.	12,•	77	-81	Bain fell till the 8th instant. The weather has been fair and very cold since. The crops are in good condition. The rain will do more good than harm. Four persons and many cows died from cold on the 4th.
	19	Farreedpore,	31	10,	**	161	Weather—Cold and wet. There was storm and rain, with very high wind and low barometer, on Sunday, the 4th instant, and 35 boats sunk at Goalundo alone. The rainfall at Goalundo has been 1:33 and at Madaripore 1:04. State and prospects of the crops are very fair. Health is not bad.
DAGGA DEFF.	30	Backergunge,	99	8,	••	2:05	A furious gale, which lasted 25 minutes, some of the gusts of which were as strong as those of the late cyclone, swept over the district on the 4th instant, and caused some destruction of hoats and other property. The crops, however, are reported to be good everywhere except in the tracts affected by the storm-wave of the 31st October last. The cholera epidemic has much abated, but the disease is still present in thanas Barhmuddin, Dowlatkhan, and Mendiguage. In Barhmuddin it is as virulent and destructive as ever. There is no disease among the cattle anywhere in the district.
	31	Mymensingh,	*	9,	10	71	Weather—Cold and cloudy, with occasional showers. Wind chiefly from the north and north-west. Transplantation of bore seedlings has been completed. The prospects of this crop and of kkesari pulse are very good.
l	22	Tipperah,	••	9,	••	1.63	Weather—Unseasonably rainy and stormy. The cold-weather crops have suffered somewhat from the recent bad weather.
	23	Chittagong,	•	8,	••	8-06	Weather—Cloudy, with rain at abort intervals throughout the week. The cloudy state of the weather, and non-cessation of the rain, are not very favorable to the progress of two cold-weather crops. The rain which has already fallen has done good to the crops, and it is also expected that cholers, which is still prevalent throughout the district, may abute to some extent.
ITTAGONG DIVE.	24	Noakholiy,	,,	8,	•	2-11	Weather—Wet and cloudy almost throughout the week. A storm passed over the station about midday on the 4th instant, but did not continue very long. There was high wind and rain again on the night of the 7th idem. The essert crops have been reaped almost everywhere. Chillies, pulses, &c., are progressing well everywhere except in the inundated tracts. Cholera is still prevalent and stray cases of small-pox have been reported from the Sudharam station.
CRIMA	. 25	Chittagong H Tracta,	ill Jan.	6,	"	3-23	Weather—Cloudy throughout the week. It rained very heavily for the last four days. Mustard has begun to be resped, and the recent heavy rain has entirely spoiled the portion of the crop that has already been gathered. The tobacco plants are thriving well, but the prospects of sugarcane are had. The joomicits have begun to out their jooms for cultivation. Cholera is still prevalent in the district.
Į		Hill Tipperah	, ,	7.	••	1.66	Weather—Damp and cloudy. State and prospects of the crops are good.
BE	HAR.						
	26	Patna,	Feb.	12,•	*77	-93	Weather—Very cold. Rain in the early part of the week has done slight damage to the rebbre crops, especially to poppy, linseed, raker, and wheat. Health of the district is good.
ž.	27	Gya,		10,	. ,,	1·10	Weather—Cloudy, with frequent heavy rain. The last two days were very cold. The late heavy rain, accompanied in some places by hail, has done injury to the rubbes crops, and some damage is also reported to that portion of the kharest grop which has not been harvested. The weather has cleared up for the last two days, and the prospects are therefore brightening.
PATHA DIVE.	\$ \$	Shehahad. -	••	10,	**	1:51	Weather—Clear and cold, with west wind. All the sub-divisions report serious injury to the rubber crops from the late unscannable rain. The sky look however as if it would clear, and a good west wind and strong sun will mak a considerable difference in any estimate of the injury.
	29	Durbhunga,		10,	n	-79	Weather—Very cold and generally cloudy and damp. There was rain on the 7th and 8th instant. Strong west wind from the 9th. The recent rain has don some injury to the rubbes crops, tobacco, and rubsr. It is apprehended that the outturn in the south of the district will be considerably below the average No return received from the Mudhoobani sub-division.
ł		Mosufferpore,	***	10,	••	-77	Weather—Cold, with strong westerly wind. The recent rain, it is apprehended will do some damage to the resess crops. The public health is good, with the exception of a few cases of small-pox near Scoreaud, in the Sectamurhee auti-division.

No.		District, and dats of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.					
BE	HAR-	—(Continued.)							
Patha Dive — (Contd.)	81	Sarun, Feb. 10, '77	1:14	Weather—Raw, damp, and cold, with occasional showers up to 8th instant; bright and clear since. The weather appears to be settling. The wind has changed to the west. The gloemy weather, as there had been for the past month, has not been experienced, it is believed, in any part of the district. The rainfall at Sewan has been '77, and at Gopalgunge 83. The prospects of the rubbes crops are gen-rally favorable throughout the district. Wheat, gram, and rubse have been very partially injured by lards blight and lake insects from the effects of damp weather. There has been a fall of hall in Basantpore and Moharajgunge, in the Sewan sub-division, but it was too slight to damage the crops. The crops are reaching maturity, and the prospects will be much improved if there be warm and clear weather and steady west wind for the next fifteen days. General health is good.					
į	33	Chumparun, ", 10. "	-59	The rain has done some damage, and, if not followed by dry weather, will produce blight. The prospects of the crops are fine, except where they have been injured by the rain.					
77.	83	Monghyr, " 10, "	-82	Weather—Set fair. '55 of rain has fallen at Begooserai, and '40 at Jamooi. The late rain is reported to have injured the crops. The Collector, however, is of opinion that the rain has been beneficial, and that the prospects of the crops continue good. The fall of hail on the 31st January last damaged the crops in a few villages at the extreme north of the district.					
BRACCIPORN DIVE.	34	Bhagulpore, ,, 12,° ,,	-59	Weather—Cloudy and wet during the first-half of the week; sottled, fine, and cold, with strong west-wind, during the second-half. The subject crops are excellent. General health is very good; only a little small-pox is reported here and there.					
Виле	35	Purnesh, , 10, ,,	-24	Weather—Bright and clear, with cold west-wind. '11 of rain has fallen at Kissen-gunge and 25 at Arrareah. The rain and dull weather at the beginning of the week has done harm to the wheat. The recent change in the weather is beneficial.					
	26	Southal Perghs. , 11, ,,	1-21	WeatherRain clearing up; '86 of an inch is reported to have fallen at Gudda. State and prospects of the crops are good.					
OR	ibba.	•	1						
×	87	Cuttack, Feb. 10, *77	-65	Weather—Cloudy and unsettled, with showers during the early part of the week now clear, bright, and cold. Ploughing is being actively carried on. The rain has done some damage to the rabber crops, but on the whole it has done good. Small-pox is rather prevalent, otherwise the public health is good.					
ORISSA DIVE.	38	Pooree, ,, 6, ,,	1.87	Weather—Cloudy. '84 of rain has fallen at Khoordah. The rain has done much good to the dains paddy crop, but has partially injured the mange crop. Cutton, moog, and other miscellaneous crops promise a fair outturn. The exportation of rice continues. The prices are stationary in the chief subdivision.					
	39	Balacore, , 9. ,,	1.85	The rainfall at Bhadrak has been 5-80 inches. Wet and stormy weather throughout the week. A considerable number of cattle have perished from the rain, wind, and cold. A little ploughing is in progress. Reports of sporadic cholera are rather frequent.					
CH	ATO	nagpork.							
		South-West Frontier							
	40	Agency. Hazareebagh, Feb. 9, "77	3.23	Weather—Unseasonably wet and cloudy. The rain during the past week must be injurious to the wheat, barley, p.u.s. &c. The poppy crop too has been much injured in different parts of the district by hail and rain.					
	41	Lohardugga, , 10, ,	3:35	There has been a good deal of rain throughout the district, and hall in some places. At Palamow 1-50 inches have fallen. The weather, though quite cleared up from the 9th instant, or the preceding day, is now cold and windy. The crops in the Sudder sub-division are exaculent, but from Palamow consider the damage by hall is reported. The general health is everywhere good; only a few cases of small-pox reported from Palamow.					
•	42	Singbhoom, " 9, "	2-95	There has been excessive rain during the week. The sky appeared to have been clearing up on the 9th instant. The fields have been flooded, and the pulses are reported to have suffered; but the prospects of wheat are still good. General health is good.					
	43	Manbhoom, , 10	2-72	Weather—Unseasonably rainy. Nothing particular to report. There not being much rabbee crops in the district, much insum has not been done by the rain The makeus crop may suffer. The ryots have taken advantage of the scaking the land has got to plough for their highland sowings.					

Telegram of the 12th February shows rainfall during the seven days immediately preceding.

Published for general information.

CALCUITA, STATISTICAL DEPT., The 18th February 1877. H. J. S. Cotton,

Jr. Secy. to the Goot. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's	Office.
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DISTRIBURE.	Districts.			STATIONS.	from 21st to h January 7.	Rain from 28th January to 3ri February 1877.	RAIN PROM 187 JANUARY 1877.		Remarks.
1				!	Rain fre 87th 1877.	Rain Jan Pebr	Inches. Up to date		
BE	NGAL.						<u> </u>		
	WESTERS	Dist	ricts,		Inches	Inches.	<u> </u>	1877.	
	ļ i		[Burdwan	Nil ditto	0·17 0·42	0.43 1.12	3rd Feb ditto	1
-	Hurdwan	•••	{ 	Culna Bood-Bood itanoegunge	ditto difto	Nil ditto	1.33 0.52	ditto	<u> </u>
			į	Jehanabad	0°20 Nil	U-06 U-45	1.43 1.01	ditto	; ,
	Bankoora	•••		Bankoura	0.18	0.00	U 79	ditto	
ا ي	Kerbhoom		{	Sooree	0 13	0.23	2·70 2×1	ditto ditto	
BURDWAN.			(Roypore	Nil UO5	0.85	1.07 2.88	ditto	
BC.			İ	Tumlook	0-15	1:46	į	ditto	
	Midnapore	•••	{	Ghatral (1)y, Collr,'s O'hoe	Nıl ditto	0.60	1.62	ditto ditto	
i			ļ	Coutsi Rze. Engr.'s Office	ditto	1:35	3.03	ditto	
ı	Hooghly	•••	{	Hooghly Serampore	ditto ditto	07 25 0796	7.11 7.30	ditto ditto	
- {	Howrah	••	{	Howrer Mahoshrekha	ditto ditto	1·33 0·93	2.61 3.91	ditto .	
	('RATEAL	l):ate	ucts.				!		
				Sauger Is and Calcutta	ditto ditto	2·00	4·20 3·79	ditto dit to	
			1	Alipore { Jail	002 Nil ditto	1-25 1-20	3·30 3·17	ditto ditto	
	34-Perguan	ahs		Haraset Diamond Harbour	ditto ditto	0.78		ditto ditto ditto	
İ	•		- 1	Barryore	0.01 ZiJ	1.65		ditto ditto	
	:		- {	Barrackjore	ditta di tto	074	2°22 1°84 1°74	ditto	
			Ì	Kishnaghu	ditto disto	071	1.43		•
×	Nudden	•••	{	Meherpore Choosdangs	ditro dit t o	0.02	0.23 1.93	ditto	
M I	i		Į	Kooshton Ranaghat	ditto ditto	0.82 N.1	1.43	ditto	
PRESIDENCY.	:		ſ	Jensore Nurrail	Not rec.	0.12	1·03 1· P 9	ditto	Not rec. from 21st to 27th January Ditto ditto.
~	d casore	•••	{	Khoolna	dit:o dit to	0.73 (r±0	1.50 5.01	ditto ditto	Ditto ditto.
ļ			l l	Bagirhat	ditto	1:20	2·70	ditto	Ditso dete. Ditso ditso.
ļ	:		í	Herhampers	Nil ditto	0°35 0°70	3·29 2 9 1	' 27th Jan. · ditto	44.01
Į	Moorshedab	bad	ad{	Lallbagh Jungypore	dir to ditto	1:30 (730	3:::9	dit to	
				Azimgunge	ditto citto	0°50 0°55	3.42	ditto ditto	
			Ĺ	Kandoe	ditto	0.36	2.08	diito	
ſ	: Dinekehore	•••	₩ ₹	Dinagep re Raigunge	Nd Nd	011		ditte-	
	Maldah	•••	₩ ₹	Maidan Chanchal Bauleah	ditto ditto	0.10 j	2708	dute	
	· Rajshahya :	•••	{	Nattore:	ditto	0.40	3·29 3·07	ditt ditt	
RAJBEARTE.	:		j	Rungpore Bhowanigunge	ditto ditto	or 17 Nil	1·70 1·55	ditte disto	
A. BEL	Hungpore	•••	١-٠	Kurigram Bagdogra	ditto ditto	0°65 0°66	1.90 1.30	ditto	
	Bogra	•••		Hogra Sharpore	ditto duto	0.33	1 4d 2'27	ditto	
	i		. [Panchbibi	ditto	025	125	ditto	
l	Pubus		{	Pubna Serajgunge ;	difto diffo	1·23 0 26	3.91 3.80	ditto ditto	
ſ	Darjeeling			Dariceline Telegraph Office	0.70	Not rec.	1· \$ 6	27th Jai	
*		-	r	Julmicorea	(rd8)	0.70	2.73	3rd Feb.	
1	Lule			Rodah Alipore	Nd ditto	Not rec.	1.63	ditte 87th Jan	
COCK REBAR.	i galbi k oras	•••	11	Buzz-Civil Surgeon's Office	ditto	ditto 0.72	0:71 1:15	dit. 3rd Feb.	
١٤	Cupch Behar	Trib	ulary	i	Not rec.	Not ruc.	1.80	goth Jan.	
Ĺ	States	•••		Cooch Behar	ווא '	6. 0.41	1:08	3rd Feb.	

	Digraices.		Stations.		Rain from List to 27th January 1877.	Rain from 28th January to 3rd February 1877.	Rain prom 1st January 1877.		Remarks.
į							Inches.	Up to date	
1	BENGAI—(Contin	sed.)							
EASTERS DISTRICTS.				•	Inches.	Inches.		1877.	
	C Daors	[Dates { Teles	craph Office pital	Not rec	Not rec. 0.70	0.85 1.03	20th Jan. 3rd Feb.	Not rec. 1st to 6th Jan.
		{}	Moonsbeegunge Manickgunge		ditto ditto	0°93	1·71 1·89	ditto	9-1-4
7	Furreedpore	{	Furredpore Goalundo Madaripore	10 101	ditto ditto ditto	0-07 1-04 1-11	0.37 1.41 1.70	ditto ditto ditto	
Dagga.	Rackergunge	{	Burrisal Perozepore Patocakhally Dowlutkhan	100 001 101 102 102 103 104 104	ditto ditto ditto ditto	1.37 2.00 1.00 Not rec.	9-24 8-08 2-25 Nil	ditto ditto ditto 27th Jan.	Not rec. 12th and 13th Jan. ar 28th Jan. to 3rd Feb.
į	Mymensingh	{	Mymensingh Jamalpore Atia Kishoregunge	 	ditto ditto ditto ditto	0:22 0:27 0:19 0:11	1·84 1·92 1·54 1·29	8rd Feb. ditto ditto ditto	
CHITTAGONG.	Chittagong Neakbolly Tippersh	ا ا ا	Contragong & Jai Con's Bagar Nonkholly Fenny Comillah		ditto ditto ditto ditto ditto ditto	1:30 1:34 0:42 1:43 1:78 1:00	1·80 1·40 0·97 2·14 2·53 1·55	ditto ditto ditto ditto ditto	
Centra	Chittagong Hill T	Tants	Brahmunbariah Bungamates Hi		ditto	2 72 2 51	3 ⁻ 95 2 ⁻ 76	ditto ditto	
(Hill Tipp-rah		Hill Tipperab		ditto	1:39	2.24	ditto	
BEHAR.									
i	Patna	{		ail	ditto 0°18 0°11 Nil ditto	0 02 0-24 0-11 Nil ditto	1:43 1:80 1:17 1:20	ditto ditto dirto dirto ditto	
	Gya	{	Gya Nowadah Arungabad Jehanabad	•••	ditto ditto 0°87 Not rec.	0-32 Nil 0-13 0-40	1:08 1:48 0:60 2:83	ditto ditto ditto ditto	Not rec. 19th Jan. Not rec. 21st to 27th Jan.
	Shahabed	- {	Sasseram Buxar	·· · · · · · · · · · · · · · · · · · ·	Nil ditto ditto ditto	0°13 0°88 0°17 Not rec.	9·53 1·88 3 15 2·40	ditto ditto ditto 27th Jan.	
PATE]	्य	Hajeepore		Not rec. ditto ditto	ditto ditto ditto	1·62 1·71 2·83	20th Jan. ditto ditto	
	l	{	Mudhoobunner .		O'08 Nil ditto	0-55 0-40 Nil	2°51 2°29 2°05	3rd Feb. ditto ditto	
İ	Surun	31	· •		ditto ditto	ditto 0°07	2·00 3·89	ditto ditto	
ļ	C.pamleran	s	Motiharee .		ditto ditto	0-50 0-27	8-74 2-94	ditto ditto	·
ſ	Mongbyr	d	Monghyr Begoo Serai	100 001 100 001	0-08 0-08 Nil	0°12 0°12 0°27	1.06 1.17 2.15	ditto ditto	•
Видептрові.	Hbagulpore	- 11	Scopool Muddehpoors Banks	000 000 000 000 101 000 00 000	0°08 Nil ditto ditto ditto	0-29 0-35 0-20 0-25 0-55	1·77 1·60 1·20 9·02 1·68	ditto ditto ditto ditto ditto	
BEA	Purn es t .	}]]	Kissengunge .		ditto 0°08 Nil	0-94 0-15 0-55	1:23 1:29 1:65	ditto ditto ditto	
	Bonthal Perguunans		ilajmohal .		ditto	0-17	8·14 0·60		Not rec. 14th to 20th Jan.
			Godda		ditto ditto	0.00	2.88	ditto ditto	

TONE.	Distators,	Stations.	Rain from 21st to 27th Japonary 1677.	Rain from 29th January to 3rd February 1877.	Rais prom 187 Japuary 1877.		Remades.
DIVISIONS.					Inches.	Up to date.	
OH	IRRA.		Inches.	Inches.		1877.	
	Castock	Cuttack Telegraph Office Hospital Jajpore Koudraparah Jugutsingpore	Nil ditto 0:05 Nil ditto	0°30 0°28 4°50 Nil ditto	0°80 0 66 5°75 1°90 1°40	8rd Feb. ditto 27th Jan. ditto ditto	
	į	False Point	ditto	ditto	1.75	ditto	
į	fuuren {	Poorme Khurdak	ditto dit to	ditto 0°88	0.04 1.97	3rd Feb. ditto	
ORIMA.	Halasore {	Balasore { Kss, Engr.'s Office Collector's Office Bhadrack Jellasore Orah Chandbally	ditto ditto ditto ditto ditto	1:35 1:37 4:80 9:04 1:77 1:86	2:35 2:36 5:61 8:21 2:02 2:56	ditto ditto ditto ditto ditto ditto	
1	Cuttack Tributary Mebala	Sumbulpore	1.02	1.62	4-97	ditto	
	CHOTA NAGPORE.						
	SOUTH-WRITTER FRONTING AGENCY.						
	Hazareebagb {	Hazarenbagh { Jail Dispensary Pachumba	0-18 0-23 Nii	0·10 Nil 0·70	1:96 1:79 2:07	dîtto ditto ditto	
	Lohardgegea {	Rancher Palemow	0.80 0.80	0-29 0-25	8-32 1-80	ditto ditto	·
	Hingbhoom	Сруерама	0 82	0-08	8.00	ditto	
	Manbhoom {	Purulish	0-25 0-23	0·18 0· 5 0	1·04 8·69	ditto ditto	
	arram & Adjacknt Hills.						
	Sylhet	Nylhet	Nil	2:35	4.15	ditto	
	Sechanger	Seebaaugor Giolaghat Jorehaut Jorehaut Hattiepnotie Mazeugah Nazeerah Suntoak Cherideo	ditto ditto ditto ditto ditto ditto VOI Nil ditto ditto	Not rec. ditto ditto ditto ditto ditto ditto ditto ditto	0°63 0°85 0°75 0°83 1°12 0°69 0°70 0°50 0°82	97th Jan. ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto	
		Akyab	ditto	Nil	Nil	3rd Feb.	

Calcutta, The 10th February 1877.

John Elliott, m.a., Meteorological Reporter to the Govt. of Bengal.

Abstract of Observations as received in the Meteorological Office, Calcutta, during the month of November 1876.

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Mean barametric pressure of 24 years ... 29/17/0 Mean temperature of 24 years ... 74 9 Mean inmidity of 24 years little of 1876 ... 29/19/10 Hitter of 1876 ... 29/19/10 Hitter of 1876 ... 134 | Ditte in 1876 ... 144 Petert in 1876 ... 144 Petert in 1876 ...

... 72 | Mean rainfall of 48 years ... 056
... 71 | Actual fall in 1876 079
... 1 | Leket in 1878 078
JOHN ELLIOIT, M.A.,
Meteorological Reporter to the Goet, of Bengal.

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CALCUTTA, The 12th February 1817.

Mean Pressures and Temperatures of the preceding Table reduced to sea-level, with Anemometric Results and Cloud Observations.

		pre-	er e	<u> </u>						"К 1 в .р.					_
STATIONS,		Menn barometric rure reduced to level.	Mean temperature duced to saulerel,	North.	North-cust.	E-set.	Sarbli-eust.	South.	South-west.	West.	North-west.	(alm.	Percentage and Resultant,	Mean volority dair	Mean cl.ud.
Port Blas:		20.897	78 H	9	18	19	7	8	5		1		30 N, 62 E		6.88
Sancowry	•••	917	78'8	2	4	10	17	5	15	3	4		36 8, 23° E	*****	(5.35)
Andras	•••	-930	77.4	17	2×	В	1	;		1 ;	•••	ō	76 N, 37 H	1450	6.00
izaguput am		.064	780	11	12	PH	49	4	2	8 ;	6 ;		50 8, 71 K	6.75	7.70
\kyab	••	.035	75.4	9	11;	9	4	1	*	10	9		31 N, 87 K	83.1	1.77
faire Point		*978	73.7	35	17 1	9 ;	11 j	1	1 (2 ;	25	19	47 N, 9 E		2.43
intrack .		19(9)	75.5	21	9,		!		1	12 .	15	3 !	67 N, 24 A	44"3	1.95
augor Island	•••	-940	73.0	53	17	2	1 !	2	5	13	20 ;	2 :	66 N, 11° W	153.8	3.61
hittarong		445	73.5	11	14	ō į	1 ;	2	2 }	18	ű ;	•••	37 X, 20 W	117:5	1 3 07
alcutts.		957	73.1	កិច	13	2 ;	i	j	5	25	24	;	(9 N, 23' W	151.1	
lui dwan	•••	-963	72.7	28	4	[!	1 1		18 ;	ñ	15 N, 19' W	67.3	5.11
PRINTE		-933	71 1	23	3	1 !	1 ;	***	2	4	27	;	77 N, 27 W	52.3	2 (4)
)acra		253	730	14	12	9 i	1 j	•••	4	7	11:	8.	17 N, 11 W	65.3	5.43
lilchar		.823	73-1	1	6	19	4 !	•••	2	7	1:	20 ⋅	24 N, 81, E	49.1	3.14
lazarechazh	•••	30 004	70.4	3	2 1	1 !	;	•••	•	14	10	!	80 N, 51 W	1250	1.54
Berhann» 10		39.070	71.3	16	3 1	별 ;	8	3	5	J į	25	!	51 N, 31 W	out of	5.82
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urneah		-961	71.6	1	7 :	5 !	!	1	(1)	30	10 :	•••	51 N, 76' W	47.3	0.52
Arjeeling			!	5	4 j	4 (3 !	2	26	18 :	3		10 N, (CI ' W		1.63
eebaugor		-998	1.7.8	4	16	18	7 ;			1 ;	3.	11 .	56 N, 68' E	35.9	7:03
ionipara		378	70°6	2 j	3 :	26	11 !		}		2	14	58 S. 86 E	60.5	1.08
llanabad	•	-8906	(:8:4	: ១	0 .	9	,	!	16	2 .	17	М.	30 N. L3 W	28.0	1.00
Loornee		39 006	00.2			1 !	0:	1 i	i	ı,	19	13	25 N. 19 W	36.7	1.50

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 17. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table,—" Prof. papers on Indian Engineering No. CXIII." The temperatures at the sea-level are taken from column 3 of the above table.

Temperature. The temperatures in column 3 are reduced from those in column 17 on the preceding page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Clouds.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0, and one completely overcast by 10.

The above being all comparable, afford the data for constructing a meteorological chart for the month, which shall show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

CALCUTTA,

Joun Elliott, M.A.,

The 12th February 1877.

Veteorological Reporter to the Cont. of Rengal.

Meteorological Telegraphic Report for the period 4th to 10th Feb. 1877.

· · ·				Barometer	Barometer	THERM	DAUTER.		• Wini	D.			1
STATIONS.	1	Inte	Hour.	reduced to 32°.	to res- level.	Dry	Wet.	Humidiry Sat.=100.	Direction.	Value ity.	Rain.	Clouds.	Weather instals.
CALCUTIA.	Fel	o. 4th 6th 6th 7th 8th 9th	10 18 19 18 10 18 10 16 16 16 16 16	20-814 20-810 20	20:034 20:1414 20:1970 20:1419 20:1014 20:102 20:103 20:108 20:108 20:108 20:108 20:108	6:5 50:7 03:0 72:7 07:0 71:5 03:2 04:0 07:3 64:3 71:7 61:0	57*0 57 8 00*16 05*6 05*0 01*5 01*5 02*9 65-5 03*5 5-10 56*0	79 88 83 59 69 69 91 93 91 40 40	N S & E N by E N by E E E E E E E E E N W N N W N by W N		0.03 0.51 0.08 0.05 0.05 0.27 0.07	CK K, CS K	a, setad. b c, r b b
SATHOR ISLAND.	Feb	5th 6th 7th 8th 9th	10 16 10 16 10 16 10 16 10 16 10	29*58 20 853 20 853 20 853 20*85 20*85 20*85 20*85 20*85 20*85 20*05 20*121 30*121 30*121	20:864 20:843 20:90-9 20:863 20:863 20:875 20:973 20:991 20:901 30:013 30:018	75 03 75 70 74 75 64 64 71 71 68	78 61 62 65 64 60 70 73 63 64 66 57 58	90 84 67 90 76 80 90 80 90 74 47 44	SHE KNE NN KRE KRE NE KRE NE NN KRE NE NN KRE NN KRE NN KRE NN KRE NN KRE NN KRE NN KRE NN KRE NN NN NN NN NN NN NN NN NN NN NN NN NN	7*4 16 0 13 7 10 4 5 8 7 9 1 5 1 9 1 7 5 8 9 11 2 7 9 15 8	0-20 0-70 0-70 0-10	PK P PK CK PK PK PK P K W	b, m, q, p, o, d, q, p, o, b, p h, m b, v b, m o, d, g, souds, b, m b, f, b f, b
CEITTABORG.	Feb.	4th 5th 6th 7th 8th 9th	10 e 10 16 10 16 10 10 10 10 10 10	20**79 20 *64 20**64 20**027 20**027 20**024 20**054 20**034 20**034 20**04 20**71 30**04 20**71	287974 207051 20 900 20 872 20 718 307 40 20 747 307 20 297011 307041 207015 307115 207000	70 60 67 71 68 73 71 78 70 63 70 75	68 68 68 63 63 63 63 69 68 69 69 69	90 91 80 74 74 75 100 85 72 64	NNR NR calm. S S KNE NNE NNE NNW S W NW NW NNW NNW NNW NNW NNW NNW N	31 777 38 35 37 38 53 60 81 18 11 23 62 46	0-50 0-40 	C K N N CK C, KS N N CK, S	à, o o, r g à, o p g a c c c c c c c c c c c c c c c c c c
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AETAB.		4th 5th 6th 7th 8th 9th	16 16 16 16 16 16 10 16 10 10 16 10 16	20-915 20-777 20-456 2-814 20-460 20-860 30-108 20-923 30-00 20-912 80-902 20-912 80-902 20-914 80-902	20 037 20 770 20 770 20 078 20 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082 30 082	78 71 74 76 78 78 80 79 81 79 77 74 77	71 73 66 68 70 70 74 74 75 74 76 67	70 74 70 72 73 05 73 74 78 78 83 63	E N N W N E B W N W K K W N W N W N N W	5.0 2.0 7.0 4.3	Ordo	CK, N CK, N CK, N CK, N CK, N CK, N CK, N	b d

· Velocity of wind in miles per hour.

JOHN ELLIOTT, N.A., Meteorological Reporter to the Government of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 7th February 1877.

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		reduced barometer	ering.	line.	ar radi:	Łuj.	wet hulb.	E E	re of hun	direc	ille.	relocity.		į	General Remarks.
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	1-	Inches.	0	0	0	0	0	O	 		•	Miler.	i		
Fe	b. lat	29-039	78-0	C9 O	1340	72.7	67-9	64-1	0.76	SW&NW		114-8			irrostrati and cirrocu-
	2nd	-961	c8·5	58.0		62:3	59-2	60°6	-83	NNELS		113-6	0-29		muli and cumuli. Chiefly overcast. Slight rain after intervals
	8rd	-949	71:3	57·H	135.0	01.2	60.0	56.4	-76	88 W & E		41.9	•••		from 5 a.m. to 3 r.m. Cirri, c:rrocumuli, and cumuloni. Drizzled at
	41h	-874	65.0	60.09		61.3	£0.3	57-5	-88	F by N & Variable.	7-9	161-0	0-63		llers. Chiefly overcast, Thunder at 11 A.k., lightning at 11 A.u. & 11 P.M.
	5th	-883	73-3	57-8	125.0	r 4 ·3	60.6	57· 4	-80	NNWAN	•••	105-6	•••	c	Rain after intervals Overcust and clear. Slightly foggy from 9
	6th	-928	73-0	61.2	134.0	60.4	63.6	01-4	-85	N by W&E		76-1	0.02	•••	to 11 r m. Clear, overenst, and cu- mulo-trati. Light rain
	7th	-926	75-3	61.2	129-0	05*4	62.2	60-3	-84	KSE, & K N K	8 -0	124-6	1.00	•••	at 64, 71, and 8 A.M. Clear, cirrocumuli, and overcast. Rain at 74 A.M., 124, from 3to 44, and at 11 P.M.

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days The maximum temperature during the past seven days The maximum temperature during the corresponding period of the past year The mean humidity during the past seven days The mean humidity during the corresponding period of the past year	•••	e 22·0 78·0 84·5 0·82 0·60
		Inches.
The total fall of rain from 1st to 7th {by lower rain-gauge by anemometer gauge		1.96 1.32
Ditto ditto ditto, average of twenty-three previous years Ditto ditto between the 1st January and the 7th February		0·28 4·86
Ditto ditto ditto, average of twenty-three previous years		0.73

The 9th February 1877.

GOPERNAUTH SEK.
In charge of the Observatory.

GOVERNMENT OF BENGAL.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

RUBBEE SEASON 1876, COMMENCING ON THE 1st DECEMBER 1876.

Irrigation Operations of Lower Bengal during the month of December 1876.

	و		Acrea.		* 8 2		3	Acres. 2-8 7,479	6 P	7,517					
			stalls of	Onlons Publices Chilices	Garden produce Cil-reeds Pulsas	Britishs Plantains	Total	At the rate of Be.	Sugar-cane	Total					
#	Average of ten pre- vious years for the same period.	81	\$			1.2	6 years. 0'01				:]	:	:	;
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	Gres.	-	Orishs			Fourh.	Western (•		Botte					

G. A. SKAKLE, Col., s.c., Asst. Secretary to the Govt. of Bengal, in the P. W. Dept., Irrigation Branch.

The 8th February 1877.

PUBLIC WORKS DEPARTMENT,—BENGAL.

GENERAL ESTABLISHMENT. -No. 51.-The 18th February 1877.

							RIVER GAN	GANGER.								RIVER BHA	BHAGIRUTHER.		BRAHE	BRAHKAPOOTRA.
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J. E. T. Nicolls, Major-General, R.E., Secy. to the Goot. of Bengal, P. W. Department.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 3rd February 1877, on 1,279? miles open.

Section 10 Section 10	 	COAGRIE				ME AND MINNAL TRAFFIG.			r Mruss	
					- FRUMANI	THE ARD MISSEAL TRAFFIC.	TOTAL	THAI		SUI.
	No. of passon- gers.	. 00	achin	receipte.	Weight carried.	Receipts.	Trappio Receipts.	Conch- ing.	Merchan- dise.	Total.
		Re.	A. P.	& e. d.	Mds. Bre.	Rs. A. P d.	Ra. A. P.			
Tutal traffic for the week Or per mule of	144,215	2,90,796	11 8	20,239 17 8	18,41,328 80	5,84,587 18 0 58,587 4 5	8,05,886 7 8	48,297}	107,001	145,280
railway For previous	******	172	8 6	15 16 4	*****	456 12 10 41 17 8	629 5 4			******
4 Weeks of balf-year	606,745}	11,32,948	9 6	103,853 12 5	49,61,629 10	20,56,961 5 6 186,904 15 9	31,71,909 15 0	£ 18,652}	386,267	\$00,930 \$
Total for 5	747,980}	18,53,747	4 9	194,093 10 1	63,03,963 0	20,23,540 1 6 240,40 2 0 0	39,77,296 6 3	261,890	483,2884	755,178
COMPARISON.		•								
Total for corre-									1	
week of pre- vious year Per mile of railway, cor-	190,945}	1,98,71,1	7 2	18,215 4 4	10,87,155 10	8,94,035 12 6 85,208 5 7	5,82,747 3 8	45,570	73,161	118,751
week of pre-		155	4 4	14 4 8		300 1 5 27 10 g	455 5 9			40.00
Total to corre-										
date of pre-	661,096 }	17,18,171	8 7	190,874 1 2	49,72,366 0	80,99,99A 15 9 1,65,495 3 1	33,36,100 B 4	256,734	369,311	696,035

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 3rd February 1877, on 2231 miles open.

Total traffic for	7,580è	Rs.	A. P.	1	e. d. 6 18 7	Mds. Srs 2.13.924 0		ì		5,0071 15,0031 20,0000
Or per mile of railway For previous		107		1	D 16 4		344 2 10	-	1	
half-year	30,483	1,27,427	8 6	12,00	7 10 6	9,50,717 30	2,46,900 1 0	21,632 10 1	3,84,537 9 6 25	1.755 62,0162 84,7712
Total for 5 weeks	38,0374	1,61,394	0 6	14,704	9 1	11,64,641 30	3,01,534 7 0	27,610 13 1	4,02,938 7 6 27	.852\ 77.01H\ 101.871
Comparisof.										
Total for corre- s p o n d i n g week of pre- vious year Per mile of railway, cor- responding	0,663 }	19,264	7 6	1,760	18 2	90,422 0	23, 318 15 0	2,137 0 5	42,577 6 6 4	,675 5,789 10,474
week of pro- vious year Total to corre- sponding	*****	. 86	1 7	2	17 10		104 3 1	9 11 0	190 4 8 ,	
date of pre-	81,8773	108,733	3 9	9,967	4 8	4,84,453 30	1,05,860 4 Q	9,795 10 5	2,15,593 7 9 24	.661 27,600 52,261

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd February 1877, on 28 miles open.

		Coaching Trappic.	Muschardisk and Mindhal Trappic.	Total
	Number of presenters.		Wagin carried. Receipts.	receipte.
-		Ra. A. P. & c. d.	Mds. Srs. Rs. A. P. 2 s. d.	2 . 4
Total traffic for the week	10,788}	1,480 0 0 148 0 0	_ 18,014 0 634 0 0 63 8 U	211 8 0
Or per mile of railway	385	53 0 0 5 6 0	866 0 22 8 0 2 5 9	7 11 0
For previous 4 weeks of half-year	41,147	5,762 9 0 570 4 0	61,480 0 2,155 0 0 215 10 0	785 14 0
Total for 5 weeks	51,955}	7,188 0 0 718 4 0	50,484 O 2,789 O O 275 18 O	907 2 0
COMPARISON.				
Total for corresponding week of previous year Per mile of railway, corresponding	11,0014	1,455 7 0 145 10 11	20,003 0 656 11 9 65 13 6	211 4 5
week of previous year	893	51 15 8 5 8 11	746 \$1 25 7 3 2 6 11	7 10 10
blesions her	47,152	6,064 11 6 605 9 6	72,078 86 2.390 18 8 228 1 7	833 10 18

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 3rd February 1877, on 1581 miles open.

		COACHING TRAF	FIG.	MRROHAND	IND AND MINES	al Traypic.	Total
	Number of passourers.		receipts.	Weight carr.ed.	Rec	cipte.	receipta.
		Ra. A. P.	& e. d.	Mds. Srs.	Rs. A. P.	2 e. d.	2 a d
Total traffic for the week	88,914	27,486 0 8	2,514 19 4	1,56,198 87	35,815 4 6	3,237 4 6	5,752 4 0
Or per mile of railway	246	173 5 11	15 17 10	967 2	223 2 7	20 9 2	36 7 U
For previous 4 weeks of half-year	137,430}	96,583 18 3	8,761 17 0	6,85,848 9	1,46,395 14 \$	13,410 9 1	22,172 6 1
Total for 5 weeks	176,3534	123,019 18 6	11,276 16 4	8,40,047 6	1,81,611 2 8	16,647 13 9	27,924 1 9 1
Comparisor.							
Total for corresponding week of previous year	83,526}	25,384 13 6	2,896 18 10	1,48,905 23	27,182 3 10	2,491 14 2	4,818 13 0
week of previous year	213	160 6 7	16 14 1	940 38	171 19 8	15 14 11	30 9 0
previous year	186,514)	1,36,461 11 10	12,506 19 9	8,00,548 11	1,65,767 2 2	14,005 6 7	26,601 6 4

NALHATI STATE RAILWAY.

Approximate Keturn of Traffic for week ended 3rd February 1877, on 271 miles open.

		Ra. A. P.	£ e. d.	Mds. Srs.	Ra. A. P.	£ s. d.	£ s. d.
Total traffic for the week	2,928	1,508 0 0	180 4 0	6,220 0	854 0 0	55 8 0	205 12 0
Or per mile of railway	107	55 0 0	5 10 0	228 0	20 0 0	200	7 10 0
For previous 4 weeks of half-year	8,488	8,967 0 0	896 14 0	37,477 0	2,455 0 0	343 6 0	C39 0 G
Total for 5 weeks	11,416	5,460 0 0	546 18 0	43,697 0	2,977 0 0	297 14 0	844 12 0
Comparison.			1			7	
Total for corresponding week of previous year Per mile of railway, corresponding	1,897	1,003 14 9	100 7 10	8,802 10	675 7 0	67 10 10	167 JB K
week of previous year	70	36 13 5	3 13 8	312 0	34 13 7	2 9 7	0 3 5
Total to corresponding date of pre- vious year	10,164	8,513 2 11	821 6 4	56,000 10	4,238 7 9	453 16 11	945 3 8

No. 8 of 1877.





SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, FEBRUARY 21, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GARBITE may receive the SUPPLEMENT separately on payment of Six Rupece per annum if delivered in Calcutta, or Twelve Rupece if sent by Poet.

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ne reported to Government during the week ending the 17th February 1877 Prices-current of food-grains and salt in the districts of Bengal for the fortnight ending 18th February 1877	122	11th to 17th Pebruary 1877 Results of the Metsorological Observations taken at the Surveyor-General's Office, Calcutta, from 5th to 14th Pebruary 1877 Weekly Resum of Traffic Receipts on Indian Railways	184
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SCHOLARSHIPS FOUNDED BY MAHARAJAH JOTEENDRA MOHUN TAGORE, BAHADOOR.

No. 469, dated the 15th February 1877.

From—H. J. REYNOLDS, Esc., Secy. to the Govt. of Bengal, General Department, To—The Director of Public Instruction.

I AM directed to acknowledge the receipt of your letter No. 555, dated 31st January 1877, with enclosure, and in reply to say that the Lieutenant-Governor is pleased to accept the offer made by Maharajah Joteendra Mohun Tagore, Bahadeor, to give Rs. 12,000 in 4 per cent. Government securities for the foundation of two scholarships of Rs. 20 each per mensem tenable for one year, one to be called "Hurro Kumar Tagore Sanskrit Scholarship," and the other "Prosanna Kumar Tagore Law Scholarship." His Honor approves also the donor's proposal that the former scholarship be awarded to the best B.A. student of the year in Sanskrit who does not receive a scholarship from any other fund, on condition that he prosecutes his studies in Sanskrit for the degree of M.A. in the following year; and that the latter scholarship be in like manner awarded to the best law student of the year who does not get a scholarship from any other fund.

2. I am to request you to convey to Maharajah Joteendra Mohun Tagore, Bahadoor, the thanks of the Lieutenant-Governor for his very liberal endowment, and to say that the papers on the subject will be published in the Calcutta Gasette.

No. 555, dated Fort William, the 31st January 1877.

From - J. Surgliffe, Esq., M.A., Director of Public Instruction,
To-The Secretary to the Government of Bengal, General Department.

I have much pleasure in forwarding herewith copy of a letter dated the 29th instant, from Maharajah Joteendra Mohun Tagore, Bahadoor, offering to found two graduate scholarships of the value of Rs. 20 per mensem, tenable for one year, and to be called "Hurro Kumar Tagore Sanskrit Scholarship" and "Prosanna Kumar Tagore Law Scholarship."

- 2. I beg that the Maharajah's offer of Rs. 12,000 in 4 per cent. Government securities be accepted, and the acknowledgments of the Government be conveyed to the Maharajah for this fresh proof of enlightened liberality which has distinguished the family he represents.
- 3. I beg further to recommend that the conditions attached by the Maharajah to the award of the scholarships in question be accepted by Government.

Dated Calcutta, the 29th January 1877.

From-Mahabajah Joteendra Mohun Tagore, Bahapoor, To-J. Sutcliffe, Kao., m.a., Director of Public Instruction.

I HAVE the honor to inform you that I am desirous of establishing two scholarships for Rs. 20 each per month, one to be called "Hurro Kumar Tagore Sanskrit Scholarship," and the other "Prosanna Kumar Tagore Law Scholarship." The former scholarship is to be awarded to the best B. A. student in Sanskrit who does not receive a scholarship from any other fund, on condition that he prosecutes his studies in Sanskrit for the degree of M.A. in the following year, and the latter to the best law student of the year. Both the scholarships are to be tenable for one year.

2. I request you will be so good as to submit this letter to His Honor the Lieutenant-Governor for necessary orders.

3. On hearing from you that all arrangements have been made, I shall endorse over to you 4 per cent. Government securities for Rs. 12,000, yielding an income of Rs. 480 per annum.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 17th February 1877.

Ŋ	ĩa.	District,	and di arn.	ute ci		Itainfall at Sadder Station in inches.	
BEI	NGAL						
		Wostern	Distri	ota.			
-{	1	Burdwan,	Feb.	19,	77	na	State and prespects of the crops are favourable. Health of the district is generally good, but fever and cholers are prevalent in Jehanabad.
l	2	Bankoora,	**	17	,	Nil	Weather—Clear and seasonably cold. The prospects of the winter crops continue favourable as before.
BULDWAF DIVE.	8	Bearbheem,	p	17	••	MU	Weather—Fine and cold. The prospects of the crops continue good. 211 and sugarcane are being new cut. Indigo promises well. Ploughing for the early rice is in progress.
	4	Midnapore,	**	17	99	Nil	Weather-Cool and fair. State and prospects of the crops are good.
	5	Hooghly,	•	17	4.	Nil	Weather—Cold in the night, but rather warm in the day. The prospects of the rabbee crops are unfavourable after the late heavy rains. Mustard, peas, and linesed are being reaped. Public health is normal; a good many cases of cholers.
(Howrah,	••	17	99	Mil	Weather-Fair; still rather cold for the time of the year. There are no crope on the ground to be reported on.
		Contra	Diete	rioto.			
ا ي	6	24-Pergunns	hs, Fel	b, 19,	†"77	MIT	Weather—Seasonable. The harvesting of omes or late rice is all but completed. Cholera has much abated.
r Dry	7	Nuddes,	"	17	"	Kil	Weather—Cool, no more rain. The crops on the ground are good, and the preparations for the next season are going on well.
PRINCIPLE DIVE	8	Jessore,		17	,,	Mil	Weather—Bright, sold, and dry. The prospects of the winter crops are good. The transplantation of the spring rice is in progress and the ploughing for the early rice is going on.
		Moorsbedab	.d, ,,	17	•	Mil	Weather—Seasonable. The rubbes crops have been a good deal spoilt by the late heavy rain. Indige, sugarcane, and mulberry are, however, doing well. The seedlings of bore dhas have been favourably reported on. The mange trees have begun to blossom. Cholera is still lingering in parts of Danigram. Public health is otherwise good. Prices are nearly the amme as before. It is reported by the Sub-divisional Officer of Rampore Hat that 9,860 maunds of grain stacked at the railway stations of Bhalpore. Ahmadpore, Sinthia, Mollarpore Rampore Hat, Nalhati, Moorarui, and Rajgram valued at Rs. 11,267, was spoilt by the late heavy rain. A good deal of injury was also done to grain stacked along the Nulhati State Railway.
	(10	Dinagepore,		16	,,	-18	Weather-Cloudy. The prospects of the crops are good.
Ĕ.	11	Rajshahye,		17		Nü	Weather—Unusually cold for this time of the year. The condition of all crop now on the ground is good. The late rains have greatly facilitated the sowing of boro dies (spring rice) and til (sessemun), and the ploughing of land for the sesses or winter rice sewings. The public health is good.
SHEAR DE	13	Rangpore,	•	16	,	Nii	Weather—Cold; '07 of rain at Bagdogra and '41 at Galbanda. The prospect of the crops are good, and the recent rainfall has materially benefited them Tobacco is fleurishing.
MOOO Y	13	Bogra,	99	17		Nil	Weather—Fair taroughout the week. State and prospects of the crops are ver
2	14	Pubna,	-	17	**	Nil	Weather—Fine and cold for the time of the year. State and prospects of the crops continue to be satisfactory.
RADIERATE AFD COOCE BREAK DIVE.	15	Darjeeling,	,,	16	10	Nil	Weather—Very cold, sleet on the hills, and a sprinkling of rain on the plains. The winter rice erop has been a very good one. Wheat, barley, and mustar seed are doing well.
RAL	16	Julpigeree,	••	17		Kū	Weather—Cold and cloudy in the mornings; warm in the day. About two-thirds of the surses crop and fourteen annas of the suker pulse have been gathered Other crops a progressing favourably throughout the district.
	l	Cooch Behav	ř, ,	15	••	Nil	Weather—Fine; colder than it was a month ago. The prospects of the crop are everywhere favourable. General health is good.

Telegram of the 19th February shows reinfall during the seven days immediately preceding.
 Heport of the 19th February shows reinfall dring the seven days immediately preceding.

1	No.	District, a		ate of	•	Reinfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
BE	NGAI	L—(Continued	L)				
		Rastern	Dist	ricts.			
	17	Dacca,	Feb.	19,•	'77	Nil	Weather—Cold for the season. State of the crops is good. The millets are benefited, but the mustard seeds are slightly damaged by the rain. Cultivation early rice is forward.
Drys.	18	Furreedpore,	,,	17	**	Nil	Weather—Cool and clear; '36 of rain at Madaripore. The prospects of the crops are satisfactory.
DAGCA DIVIS.	19	Backergunge,	**	15	••	-2	Weather-Fine and cold. Nothing special to report regarding the state of the crops. The cholers epidemic is abating.
7	20	Mymensingh,	**	16		Nil	Weather—Cold and clear. There was a slight rain in the Atten subdivision on the 13th instant. The prospects of the crops are generally good.
(1	Tipperah,	••	16	**	Nil	Weather—Fine and cold. Only slight damage has been done to the cold-weather . crops by the late storms and rain.
	38	Chittagong,	**	15	"	-95	Weather—The first part of the week was cloudy and rainy; latterly cool. The last rain, being somewhat heavy and continuous, has marrod the progress of some of the cold-weather crops. Cholera still prevails throughout the district with a tendency towards diminution.
CHITTEGORG DIVE.	23	Noakholly,	90	15	•	1-25	Weather—Wot and cloudy on the 8th instant; the rest of the week was fine and bracing. The average thermometer ranges from 64° to 70°. The reaping of the sames crops is completed. The cold-weather crops, which are fewer than usual, are doing fairly. There has been a general decrease of cholera throughout the district since last report; it has almost disappeared from the inundated tracts although still prevalent in other parts.
CHITTE	24	Chittagong H Tracts,	iin "	13		1.75	Weather—It rained in the beginning of the weak; cloudy for two or three days; very cold and foggy since 11th instant. The joomiaks have begun to out their jooms for cultivation. Mustard has already been reaped, but owing to the recent rains the crop is nearly rained. The tobacco and other plants appear to be good. Cholora is still prevalent.
	HAR	Hill Tipperub	, ,,	14	••	·55	Weather—Getting much warmer. The rain has all cleared off. State and prospects of the crops are good.
D.E.	HAK					1	
ĺ	25	Patna,	Feb.	19*	77	Nil	The clear weather with westerly wind has done much good to the sublee crops. Health is good.
.	26	Gya,		17	,	Nil	Weather—Clear and seasonable. The rain having ceased and the weather having cleared up, the prospects of the rubber crops are on the whole good. The late rain has done some damage to the poppy crop.
	27	Shahabad,	••	17		Nil	The dry weather, sun, and west wind which appears to have set in, have considerably improved the prospects of the rubber crops. The damage done by the late heavy rain will not be much.
PATTA DITTE.	28	Durbhunga,	••	17	,,	Nii	Weather—Cool and fair. Mustard is being gathered. Raker and tobacco in the south of the district have suffered to some extent from the late rain. No return has been received from the Mudhoobnunge sub-division.
PAT	20	Mozusterpore,	.,	17	,,	Nil	Weather—Fair and cold. The prespects of the rubbee crops continue good, though slight damage has been done to them by the late rains. General
	30	Sarun,	,	17	29	Nil	health is good. Weather—Bright, clear, and cold. Wind blowing from the west. The subbee crops are fast reaching maturity, and the prospects are generally excellent. Opium is being gathered. Indigo fields are ready for the next year's sowings. General health is good.
. {	31	Chumparun,	**	17	,	Nil	The continued dry weather is doing a great deal of good, and if it contibuts longer the rubber harvest will be excellent.
1	82	Monghyr,	31	17	99	Nil	Weather—Fair; 1.02 of rain at Jamui. The prospects of the crops continue good.
Ē	88	Bhagulpore,	91	19•	"	Nil	Weather—All that could be desired. The prospects of the rubbee crops are excellent. General health is very good.
à Ž	34	Purneah,	*	17	,	Nil	Weather—Clear and cold at sudder station; alight rain reported from one or two places. State and prospects of the crops are good.
BRAGUIPORE DIVE.	85	Maldab,	,,	17	99	Nil	Weather—Generally clear, except during the first two days of the week, when it was occasionally cloudy. The morning of the 18th was foggy. The temperature of the air varies from 56° to 70°; the north and north-west wind prevailed. The crops are in splendid condition. Thirty-six deaths from cholera reported.
{	36	Sonthal Pergh	s. "	18	**	Nil	Weather—Cold and cloudless. State and prospects of the crops continue good Cholcra prevails in Deoghur; six cases have been reported.

Telegrams of the 19th February show rainfall dung the seven days immediately preceding.

1	To.	District, s	und da urn.	te of		Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
OR	188A	•					
	87	Cuttack,	Feb.	17	*77	*58	Weather—Unsettled, cloudy, with occasional rain. Ploughing is vigorously going on everywhere. The rabbee crops here and there have been slightly injured by the rain. There has been some damage to cattle from the unusually cold raw weather. Public health is on the whole good.
ORIBRA DITH.	38	Pooreo,	***	14	*	1-26	Weather—Cloudy with occasional alight rain. The rainfall at Khoordah habeen 65. The defeas paddy is progressing well, but that portion of the crop which was sown in the lower grounds will suffer. The rainfall was more than enough, and did much injury to soog, mange, and other miscellaneous crops, but proved efficacious to the cotton crop. Expertation is going on, but the prices are almost stationary in the chief sub-division. There is much less expertation from the Khoordah sub-division.
	•	Balasore,	,	16	,,	Nil	The rainfall at Bhadrak has been '80. The recent rain has done a good deal of injury to the harvested crops. Ploughing progresses alowly. Sporadic cholera is still rather frequent.
CH	OFA	NAGPORE. South-Wa		ontic	•		
	40	Hazareebagh,	, Feb.	16	77	Nil	Weather.—Settled. fine and very cold. The slight injury received by the continued cloudy weather has been remedied by bright sunshine. The hall has been very partial, and consequently the injury caused by it has not been very great. Health of the district is good.
•	41	Lohardugga,	••	17	90	Nil	Weather—Seasonable; 1.25 inches of rain are reported to have fallen at Palamow on the 13th instant. The prospects of the crops in the head-quarters subdivision are excellent. In Palamow the damage will not be so great as was anticipated last week. General health is good. Cattle-disease has appeared near Silles and at Rauchi.
	42	Singbhoom,	•	16	"	Nil	Weather—Seasonable. The prospects of the rubbee crops are again reported to be favourable. Some sporadic cases of cholera have occurred in the east of Dhalbhoom.
	43	Manbhoom,	,	17	••	2-72	Weather—Fair and seasonable. Sugarcane is being cut. There is nothing particular to report about the other crops. The late rain has enabled a good deal of ploughing to be done.

Published for general information.

CALCUTTA, STATISTICAL DEPT., The 20th February 1877. H. J. S. Cotton,

Jr. Secy. to the Goot. of Bengal.

PRICES-CURRENT of Food-grains and Salt in the undermentione:

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In the interior the prices range as follow:—Wheat 13-13 to 18 seers, barley 10 to 40 seers, best rice 16 to 20-14 seers, common rice 17-8 to 24 seers, and gram 1 to 26-4 seers, and gram 16 to 11 seers, and gram 16 to 11 seers, and gram 16 to 11 seers, and gram 16 to 12 seers, best rice 16-9 to 24-4 seers, common rice 21-8 to 27-1 seers, and gram 15 to 30 seers, maise 30 to 28 seers, and gram 16 to 20 seers, and gram 16 to 25 seers, and gram 16 to 25 seers, and gram 16 to 25 seers.

D In the interior the prices range as follow:—Wheat 17-to 20 seers, best rice 10 to 12 seers, common rice 16 to 20 seers, and gram 16 to 25 seers.

E In the interior the prices range as follow:—Wheat 13-4 seers, best rice 13 to 18 seers, common rice 14 to 21 seers, and gram 14-8 to 17-13 seers.

In the interior the prices range as follow:—Wheat 8 to 16 seers, best rice 13 to 18 seers, common rice 20 to 25 seers, and gram 14-8 to 20 seers

In the interior the prices range as follow:—Wheat 13 to 16-8 seers, barley 30 to 38 seers, best rice 18 to 21 seers, and gram 14-8 to 20 seers

In the interior the prices range as follow:—Wheat 13 to 16-8 seers, barley 30 to 38 seers, best rice 18 to 21 seers, and gram 14-8 to 25 seers, and gram 17-4 to 23 c

Districts of Bengal for the Fortnight ending 15th February 1877.

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- In the interior the prices range as follow:—Wheat 16 to 22 8 seers, best rice 18 to 15 seers, common rice 18 to 24 seers, and gram 10 to 18 seers.

 In the foreignings sub-division the prices are as follow:—Wheat 14 seers, best rice 11 seers, common rice 26.4 seers, and gram 12 to 14 seers, maize 18 to 40 seer and gram 13 to 16 seers.

 In the interior the prices range as follow:—Wheat 8 to 10 seers, best rice 5 to 18 seers, common rice 13 to 20 seers, and gram 10 to 13 seers.

 L In the interior the prices range as follow:—Best rice 15 to 20 seers, common rice 2 to 23 seers.

 In the interior the prices range as follow:—Best rice 15 to 15 seers, common rice 2 to 23 seers.

 In the interior the prices range as follow:—Best rice 15 to 15 seers, common rice 20 to 23 seers, and gram 16 to 20 seers.

 In the interior the prices range as follow:—Best rice 14 to 16-12 seers, common rice 16 to 17 seers, paddy 28 to 30 seers, and gram 12 to 18 seers.

 P In the interior the prices range as follow:—Wheat 17 to 35 seers, best race 14 to 22-13 seers, common rice 22 to 28 seers, and gram 12 to 17 seers.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

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CALCUTTA, The 20th February 1877.

leturn not received.

Q In the interior the prices range as follow:—Best rice 11 to 16 seers, and common rice 11 to 19 seers.

He in the interior the prices range as follow:—Wheat 20 seers, barley 35 seers, common rice 25 seers, lesser millets 40 seers, maise 35 seers, and gram 17 seers.

In the interior the prices range as follow:—Wheat 15-8 to 17 seers, barley 21 to 25 seers, best rice 11 to 14 seers, common rice 19 to 23 seers, and gram 21 to 27 seers.

In Tajpore the prices are as follow:—Wheat 17 seers, best rice 18 seers, marve 35 seers, maise 38-4 seers, and gram 18 seers.

If the interior the prices range as follow:—Wheat 15 to 30 seers, barley 21-8 to 40 seers, best rice 13-8 to 27-8 seers, common rice 17 to 34 seers, lesser millets 21 to 60 seers maise 33 to 50 seers, and gram 19 to 42 seers.

Districts of Bengal for the Fortnight ending 15th February 1877 .- (Continued.)

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V In the interior the prices range as follow:—Wheat 13-19 to 23 seers, barley 20 to 23 seers, best rice 14 to 17 seers, common rice 20 to 26-12 seers, leaser millots 25 to 45 seers, mains 38 to 50 seers, and gram 18 to 28 seers.

W In the interior the prices range as follow:—Wheat 13 to 15 seers, best rice 23 to 24 seers, common rice 21 to 27 seers, leaser millets 40 to 45 srs, and gram 15 to 20 sers.

X In the interior the prices range as follow:—Wheat 14 to 20 sers, best rice 23 to 24 seers, common rice 28 to 29 seers, and gram 14 to 23 seers.

X In the interior the prices range as follow:—Wheat 10 to 16 seers, best rice 23 to 24 seers, common rice 30 seers, mains 26 to 26 seers, and gram 13 seers.

X In the interior the prices range as follow:—Wheat 16 to 20 seers, bast rice 12 seers, common rice 20 to 25 seers, leaser millets 43-5 to 50 seers, mains 25 to 25 seers, and gram 17 to 18 seers.

X In the interior the prices range as follow:—Wheat 11 to 18 seers, bast rice 24 to 27-8 seers, common rice 28 to 28 seers, and gram 15 to 18 seers.

Published for general information.

H. J. S. COTTON,

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

ione.	DISTRICTS.	STATIONS.	lain from 28th January to Br ! February 1877.	Rain from 4th to 10th February 1877.	JAE	ROM 187 UARY 377.	Romanus.
Divisions		[:	Rain Pebr	Rain f 10th 1877	Inches.	Up to date.	
REI	GAL.	-					to do o combina proprior de la combinación del combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la combinación de la c
	WESTERN DISTRICTS.		Inches.	Inches		1877.	
	[Burdwan Cutali	0·17 0·43	1.28 1.23	5.41 3-13	10th Feb	
į	Burdwan	Cultar Rood-Bond Ranocgunzo	Nil ditto	2·15 1·55	3·47 9·07 3·09	ditto ditto	
		Johanabad	0°45	3.78 3.01	8:71	ditto	
	Benkoors	Rankoora	0.00	1·61 1·88	2 40 4:67	ditto ditto	
اڼ	Beerbhoom {	Hotempore	0 23 (160 0 85	2-08 1-57	4.80 8.94	ditto ditto	
BURDWAS.	ľ	Midnapore	1.46	3 ·17	6.02	ditto	
Ä	Midnapore	Tumlook Ghattal	1:35	1·91 3·::3	6·13 4·17	ditto ditto	
İ		Contai { Dy. Collr.'s Office Kxe. Engr.'s Office	1.67	2:33 Not rec.	4 07	ditto 3rd Feb.	
	Hooghly {	Hooghly Surampore	1:35 0:25 0:96	2:20 2:20	3·53 4·40	10th Feb.	
	Howrah }	Howrah Maheshrakha	1·33 0·93	3·61 2·77	5-25 5-15	ditto ditto	
Ì	CENTRAL DISTRICTS.		043				
		Calcutta	2.00 1.16 1.25	9:00 1:97 2:7	6·20 5·14 5·37	ditto ditto ditto	
		Alipore { Inspensary Busserhat	1·20 0·96	2-50 1-14	5·07 4 15	ditto ditto	
í	24-Pergunnaha	Diamond Harbour	0.48 1.63	3 10 3 03	4:20 6:37	ditto ditto	
		Barripore	1.69 0.74 0.75	2:03 1:87 2:15	4'09 4'03	ditto ditto ditto	
	,	Dum-Dum	071	2:20 1:88	3.90 3.81	ditto ditto	
Ţ,	Nudden	Neberpore	0°87 0 02	2·07 1·22	8·40 1·74	ditto	
		Chonadanga Kooshtea Ranaghat	0°37 0°83 Nil	1:79 1:30 2:15	3-12 2-69 3-17	ditto ditto ditto	
PREEDEFOT.		Jenore Nurrail	0.19	1·81 1·13	3.23 3.63	dillo	
~	Jessore	Khoolna Jhemida	073	1.80 1.80	3-56 2-70 4-80	ditto	l'itto ditto. l'itto ditto.
Į		Ragirhat Mayoorah Rerhampora		2·10 1·65 1·25	2.00 4.51	ditto ditto ditto	
1	•		0.71	1:39 1:21	4·30 6·83	ditto ditto	
į	Moorahedahad	Azimgungo		0.60	4.70 3-06 4.96	ditto	
		Kandee	0.36	1 21 1 35	3.43	ditto ditto	
1	Dinagepore	The search and an in	0.02	0-19 0-42	1.28 2.75	ditto	
	Maldah	Malduh Chanchul Baulesh	0.40	0:44 1:10	2.49	ditto ditto ditto	·
_	lajshakye	Natiore	0.49	0.94	4.01	ditto	
RAJERANTE.	Rungpore	Rungporn	Nil	0·11 0·41 0·09		ditto ditto uitlo	
BAJO		l liaguogra	0-66	0.02	1	ditto	
	Bogra	Rogra Sherpore Fanchbibi	0.33	0.11	8 27	ditto ditto ditto	
	Pubna	6 Pubna	. 1.23	1.08	4-04	ditto	
	الم المالية	Seraiguage Davjeeling Telegraph Office	0-45	Vot fee	1.91	ditto	
ģ	11	Julpigoree		Nil	3:20	10th Feb.	
BEEA	Julpigoree	Bodah	. 0-63	0 10 Not re	3 2.40 r. 0.71	ditto 27th Jan.	
COOCH BERAR.		l'uxa—Civil Surgeon's Offic Titalya	e . 0.72	0.14	1.59		
కి	Cooch Behar Tributar	y Cocols Behar	041	Kil	1.08	10th Feb.	
	I COCK DAME, TITALINE	, , , , , , , , , , , , , , , , , , , ,			1		

100	Districts.	STATIONS.	llain from 28th January to 3rd February 1877.	Rain from 4 h to 10th February 1877.	JAH	PON 187 UARY 377.	Remarks.
DIVISIONE			itain fr Januar Pebru	Rain fro 10th 1877.	Inches.	Up to date.	
RI	ENGAL,—(Continued.)						Market Continues on the Continues on the State of the Sta
_	EASTERS DISTRICTS.		Inches.	Inches.		1877.	
	ſ	Dacca Telegraph Office	0-56 0-70	Not rec.	0-91- 8-19	3rd Feb. 10th Feb.	Not rec. 1st to 6th Jan.
ſ	Dacca {	Moonsheegunge Manickgunge	0.88 1.01	4.20 1.36	5·91 3·25	ditto	Ditto ditto. Ditto ditto.
	Furresdpore	Furrecipore Goalundo	0.07 1.04	1.61 1.83	1·98 2·73	ditto ditto	
DAGGA.	Backergunge {	Madaripore Burrial Perozepore Patoonkhally Dowlutkhan	1·11 1·37 2·10 1·00 Not rec.	Not rec. ditto ditto ditto	2 94 2:34 3::8 2:23 Nil	ditto 3rd Feb. ditto ditto 27th Jan.	Not rec. 18th and 18th Jan. and
l	Mymensingh)	Mymensinh Jamalpore Kieloregunge	0 22 0 27 0 19 0 11	0.71 0.69 1.29 1.01	2·55 2·64 2·76 2·30	10th Feb. ditto ditto ditto	28th Jan. to 3rd Feb.
۱	Chittagong }	Chittagong { Telegraph Office Jail	1:30 1:34 0:42	2:40 2:71 0:91	8-70 4-11 1-68	ditto ditto ditto	
اغ	Noakhully {	Noakholly	1·43 1·78	2:27 0:76	4·41 3·20	ditto ditto	
CHITTAGONG.	Tipporah {	Comillah Brahmunbariah	1·00 273	1·42 1·43	2·97 5·38	ditto ditto	
S	Chittagoug Hill Tracta Hill Tipperah	Rungamatos Hill	2·51	2·17	5·23 4·19	ditto ditto	
BRI	IAR.						
[Patna {	Patna	0 02 0-24 0-11 N:1 ditto	1.07 1.16 1.12 1.18 0.98	2·50 2·06 2·20 2·38 2·18	ditto dilto dirto ditto ditto	
	Gya {	Gya N.wadah Arungabad Jehauabad	0:39 Nil 0:13 0:80	1·54 1·68 Not rec. 0·95	2·63 8·16 ()·6·) 3·27	ditto ditto 3rd Feb. 10th Feb.	Not rec. 12th Jan and 4th to 10th Feb
4	Shah abad {	Arrah Bas-oram Buxar Bhuboosh	(*13 0*8 0 17 Nil	1.51 1.67 1.27 Not rec.	4.01 3 50 4.43 2.40	ditto ditto ditto 3rd Feb.	
PASSA.	Mufferpore {	Mosufferpore Hajeopore Sectamurhee	Not rec. ditto ditto	ditto ditto ditto	1·60 1·71 2·38	27th Jan. ditto ditto	
	Darbhanga {	Durbhunga Mudhoobunge Tajpote	0°55 0°40 Nil	0.79 0.45 0.80	3:30 2:74 2:05	10th Fob. ditto ditto	
	Sarun {	Chupra Sewan	ditto Oru7	1·14 0·70	3·14 4·69	ditto dicte	
1	Chumparun }	Motiharee Bettish	0-50 0-27	0.20 0.80	4·46	ditto ditto	
ſ	Monghyr {	Monghyr Rego: se: al Jamquoo	019 012 027	0.77 0.93 1.44	1·83 2·09 3·39	ditto ditto ditto	
PORE.	Bhagulpore {	Rhagulpore	0 29 0 25 0 20 0 25 0 25	0°54 0°60 Not rec. 1°21 0°09	9:31 2:30 3:30 3:33 3:37	ditto ditto 3rd Feb. 10th Feb. ditto	
BEAGULFORE.	Pumesh {	Purnoah Kissengunge Arrarah	0-21 0-15 0-55	0 % 9 0:11 0:25	1.71 1.33 1.90	ditto dicto dicto	
	1	Nya Deemka	0:17	1:21	4-35 0-90	ditto	Not rec. 14th to 20th Jan.
{	Southal Pergunnahs <	Rejuchal Deoghur	1.68	0.30 0.86	8-74	ditte	7444 146' 7 26m on 94rm 4 copy
	1	Godda	0'90	0-86	1.94	ditte	

DIVISIONS.	Districts.		e _{ta:}	Pio ns.	Bain from 28th January to 3rd February 1877.	from 4th to r February 7.	Jai 1	PROM 107 FUARY 877.	Remarks.
Divi					a a de	Rain fr. 10th 1 1877.	Inches.	Up to date.	
ORI	88A.				Inches.	Inches.		1877.	
		•	Cuttack { T	elegraph Office Icapital	0°30 0°38 4°÷0	0.70 0.65 Not rec.	1.20 1.31 5.75	10th Feb. ditte 3rd Feb.	·
ſ	Cuttack		Kendraparah Jugutsingpore		Nil ditto	ditto	1.40 1.40	ditto ditto	
		•	False Point	***	ditt	4:20	5-96	10th Feb.	
ORTHE	Pooree	{	Postes Khurdah		ditt-1	9:41 0:8:3	2.70 2.70	ditto ditto	
31		ŗ	Balasore } E	ze. Engr.'s Office pliestor's Office	1:35 1:37	0-75 0-95	3·10 3·3 (ditto	
H		- 11	Bhadrack	onecrot a Callon	4.80	9 95	7.86	ditto	
- 11	Balasore		Jellasore Sorah		\$104	2.98 C.21	5·73 2·68	ditto	
- il		l	Chandbally	*** ***	1.77 1.86	3.83	5.48	ditto ditto	
Ч	· utt-ck Tributary l	Kobals	Sumbulpore	***	1.65	0 -70	5-67	ditte	
	CHOTA NAGPO	DRE.			}				
	SOUTH-WESTE FRONTING AGE								
[Hazarcobagh	}	Hazare-bagh	Jail Dispensary	(°10 Nil	9·71 8·29	4·67 4·94	ditto ditto	
- 1		≀	Pachupba		0.70	8 ·27	4:34	ditto	
	Lohardugga		Ranchee Palamow		0-29 U-25	3°85 2 15	6-67 4-05	ditto ditto	
- [Singbhoom		Chyebiteen		0-68	2 95	5.95	ditto	
	Manbhoom	{	Purulish Govindpore		0°18 0°50	2·72 2·18	3 76 6-72	ditte ditto	
	ABSAW & ADJA Hills.	CENT							
ļ	Sylhot		Sylhet		2:35	0-62	477	ditto	
İ		ſ	Sechssuger Goleghat	•	0- 69 (#30	Not rec. ditto	1.35	3rd Feb.	
i		- 11	Jorehaut Decrenie		0.31	ditto	1.06	ditto	
- 1	Seebaauger	{	Hattiepootie	*** ***	Not rec. ditto	ditto ditto	0'83 1'12	87th Jan. ditto	
ı		- il	Maxengalı	***	ditto	ditto	0.99	ditto	
!		- []	Nazocrah >untock	***	ditto ditto	ditto ditto	070	ditto	
		Ų.	Cherideo	***	ditto	ditto	0°80 0°82	ditto ditto	
,			Akyab	***	Nil	0.60	0-60	10th Feb.	

CALINITIA,

Offg. Meteorological Reporter to the Govt. of Bengal.

Tue 17th February 1877.

Meteorological Telegraphic Report for the period 11th to 17th Feb. 1877.

ž	}		Barometer	Barometer	THERE	METER.	<u>.</u> 29	WIND).			
STATIONE.	Date.	Hour.	reduced to 32°.	reduced to sea- level.	Dry.	Wet.	Humidity 8at.=100.	Direction.	e Velocity.	Rain.	Clouds.	Weathe initials.
	Feb. 11th	10 16 10	30-120 30-016 30-106	30-139 30-035 30-125	66.0 70.8 67.0	58°0 60°0 59°0	59 51 60	N by R W by N N K			K8	۵
. I	13th	16 10	29:091 80:119	80.010 30.188	73°0 67°7	69·5	58 59	N		******	8 .	1.
	_	16	80.018	30:037	73.0	69-2	51	N	******	*****	CK	1.
1	14th	10 16	30.1 02	30:211 30:124	69·3 78·5	69°2 6'83	62 4 0	N K N W		*** ***	CK	1.
\$	15th	10	80.333	30°241 30°104	69·0 74·5	61.2	47 44	NK		·		1
1	10th	10 16	30·176 30·055	30·195 30·074	69·5	67·6	44 87	NNE WNW	******	*** ***		1 3
ł	17th	10	30·186	80.302	69-6	57.5	44	s W	*****	*** ***	******	5
		16	80-055	30-074	76-2	59-6	83	x w	•••	*** ***	******	6
ſ	Feb. 11th	10 16	30-107 30-008	30·118 30·014	70 69	60 61	58 61	e n e	4·5 8·0	***	C PK	1
. 1	12th	10	30°084 29°976	80-080	70 73	63 63	66	NNR	5.1	******	C	ō, m
	18th	10	30-083	20-089 30-089	71	63	58 57	NNW	6.0 6.3	*** ***	CK CS	6, m
Y	14th	16 10	3 0°010 3 0 163	30.016 30.160	72 71	63 63	48 57	NNE	10·3 6·1		PK C	4
1		16	80-119	80-118	74	79	90	N	8.4		Ü	1:
	15th	10 16	30-161 30-086	30·167 30·092	71 74	61 65	53 59	N R N N W	4·9 8·8	***	******	b, m
1	16th	10	3 0-166	80-172	71	50 64	46	ENE	5.7	•••	*** ***	
ı	17th	16 10	30°058 30°183	30:064 30:188	74 71	68	65 62	S S W N N W	5·6 6·7			å, =
١		16	30.003	30 089	75	671	41	NNW	7.4	*****	•••••	Ĭ
ſ	Fob. 11th	10 16	80°018 99°843	20-114 20-136	64 74	55 02	53 47	RNE WNW	4·9 5·0		CK, 8	b, ==
1	19th	10	30-002	30108	66	6.)	68	NR	8.3		····	b, e
ļ	13th	16 10	29-894 30-025	29·988 30·121	73 86	61	69 89	NNR	8·7 5·1		•••••	l, m
١		16	20.024	30'018	75	6.5	56	W	4.2	*** ***	CK	
₹	14th	10 16	80·007 29·971	30·173 30·065	70 76	67 69	85 41	NN R Wn W	4·5	*** ***	P, C BC	7, r
1	15th	10 16	20:986 20:109	30° 9 05 30°030	68 74	63 65	74 59	NNK	8.3	***	N	b, .
ı	16th	10	80-082	30 178	67	61	69	NNE Wnw	4.6			
1	17th	16 10	29-976 3 0-090	30·070 30·185	75 68	68 61	50 79	WNW calm.	7·6	••• •••		=
ι		16	20.074	30.068	75	64	59	NW	7.8		*****	i, m
ſ	Peb. 10th	10 16	80°020 29°910	30°043 29°933	81 84	71 73	59 57	SK by R ESK	6			6, 0
ı	11th	10	80-086	80-059	88	71	53	8	8			k, c
ı	19th	16 10	20-032 20-032	29·941 30·046	84 84	79 78	54 54	SE by E S by W	12 10			6, e
1		16	20.968 3 0.002	29·891 30·028	83 83	73 72	60 67	N E	16		•••••	à, c
ļ	13th	10 16	2p-896	29·N19	83	74	63	8 by E	8 14			6, c
ı	14th	10 16	30-075 29-988	30°098 30°011	84 82	78 79	67 00	8 K E B R	8		*****	b, c
ı	15th	10	80°141	80.148	86	74	55	R by 8	12		·•	h, c
1	16th	16 10	30:010 30:115	30 ⁻ 033 30 ⁻ 137	84 86	73 73	57 51	E by S L .y N	19		•••	b, c
Ĺ]	16	30·003	30.032	81	75	6 U	KŇK	13		•	1, 0
ſ	Feb. 10th	10 16	80.052 29.017	30.000	70 76	60 64	53 49	NNE	2·9 4·8		C CK	6
1	11th	10	80-036	30.120	60	61	73	NNE	3.0		P	0. d
1	19th	16	30.80 :)	30'045 30'098	63 65	61 61	89 78	N K N	6·4 1·9	0·10 0·30	P PC	o, d
ľ	13th	16	29:930 80 007	80·015 30·091	66	63	81 70	NNE	29	0.10	PC C	12
Į	1	16	29.045	30.058	70	64	70	K	6.7		· C?	
{	14th	10	36-086 360:08	8c:109 3c:119	73 71	65 63	08 02	NENNE	8.7°		CK, C Po	d
	15th	10	30°134 20°09	80:418 80:418	73	64	68 63	N K N N E	1.1		*** **	1
	10tb	16 10	30.001	3 : 175	7:3	Cō	63	NNE	2.7		K, PK, C CK, PKC	!
H	17th	16 10	30.108 20.007	30-047 30-193	70 74	67 67	68	NNW	3.0	·	K, PK, C PK, C	!
٦	2,611	16	20-970	80.088	83	66	39	w ñ u	2.6		ck, č	İ
ri	Feb. 11th	10	80.059	80 091	70	62	61	ENE	4:2		00 100	
11	19th	16	2:)·946 30·026	20 907 30 0 18	76 74	65 63	60 61	W	5·8		c	i
	18th	16	20°023 30°030	29-94-1 30-068	76 77	64	57 49	W	7.0		CK, N CK	i
li	i	16	29.636	20-826	84	72	51	NNW	6.2			
{	14th	10 16	80°030	80°117 8··052	76 74	68	45 59	NNW	9·7 6·3		C CK, N	Ì
	16th	10	30.149	30-177	76	63	41	N N W	8.0		C . N	1_
ľ	16th	16 10	30°030	30°059 30°148	79 73	69	98	N N W	8·6			5
11	17th	16	80:1:8 80:0:9	30°024 80°148	76 73	64	40 58	У, И.	8.8	ļ		6
1!	1712	16	30 113	¿0-034	76	64	49	N'W	8·7 8·3		*** ***	1

· Velocity of wind in miles per hour.

A. Pedler,

Offg. Meteorological Reporter to the

Government of Bengal,

CALCUITA, The 17th February 1877. j.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 8th to 14th February 1877.

		j j	TES	RHONI	782.	<i>i</i> .	<u> </u>	į	humidity.	Wı	FD.			Ī	
Month.	Date.	Mean reduced barometer.	Highest reading.	Lowest reading.	Max. solar radi- ation.	Men dry bulb.	Mean wet bails.	Computed mean point.	Mean degree of hum	Prevailing direction.	Max. promure.	Daily velocity.	Rein.	Moon's phases.	GREERAL REMARKS.
		Inches.	0	0	0	0	0	0			3	Miles.	Īn.		
Feb.	8th	29-047	68-5	60-5		63-9	62-4	61 ·0	0.91	E by N & N W		199-8	0 30		Overcust and cirri Slight rain at 44 and from 64 to 8, and at 11
	9th	.993	78-3	61.2	132.8	66-8	62-8	60-0	-81	NWAN		87-8			A.M. and 21 P.M. Clear & cumpli. Slightly
	10th	30'059	71.0	56'5	126'5	63.2	57-6	52-3	-00	N&N by E		143-4			foggy at 9 and 10 P.M. Clear. Blightly foggy
	11th	-059	71:0	56 ·0	129 ·0	64:1	583	\$3-9	.09	E, N R. & W by N		105.0		-	from at 8 to 11 P.K. Clear, cumulostrati and atratoni. Slightly foggy at miduight.
	19th	-083	78-9	50-5	197-1	60-1	60-7	56-4	-72	W by N & K		400	•••		Chiefly clear. Foggy from 0 to 11 P.M.
	13th	-054	74:4	59-0	127-8	66-7	60-6	85.7	.09	ENE, NE,		88.4		•	Clear and cirrocumuli. Slightly foggy at midnight.
	144h	·129	74:5	59- 8	188-5	67*4	60-5	55 ·0	-66	NNE, & N NW		111-8			Clear, cirrocumuli, and cirrostrati.

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the

twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to moon.

The extreme variation of temperature during the past seven days The maximum temperature during the past seven days The maximum temperature during the corresponding period of the past year	•••	⊕ 18·5 74 ·5 88·5
The mean humidity during the past seven days The mean humidity during the corresponding period of the past year	•••	0·7 4 0·58
The total fall of rain from 8th to 14th {by lower rain-gauge by anemometer gauge		Inches. 0.80
Ditto ditto ditto, average of twenty-three previous years Ditto ditto between the 1st January and the 14th February Ditto auto ditto, average of twenty-three previous years	•••	0·29 0·40 5·16 1·13

The 17th February 1877.

GOPERNAUTH SKA. In charge of the Observatory.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 10th February 1877, on 1,279? miles open.

	. (OACRIEG	TRAI		MERCHANDI	es and Mineral Trappic.		TRAI	n Miline	RVN.
	No. of pusion- gers.	Closs	ching	receipta.	Weight carried.	. Receipts.	TOTAL TRAFFIC RECRIPTS.	Conch- ing.	Merehan- dise.	Total.
		Ra.	A. P.	E e. d.	Иd». В.	Ra. A. P. & c. d.	Rs. A. P.		1	
Total traffic for the week Or per mule of	140,008	2,29,407	3 8	21,057 4 9	11,06,196 10	8,15,350 2 0 47,240 19 7	7,44,853 4 8	45,970}	97.6271	144,897
railway	*****	179	P 3	16 8 9	•	402 11 8 36 18 4	532 0 6	••••		
5 Weeks of half-year	747,940}	13,63,747	4 9	194,083 10 1	63,02,953 0	25,23,510 1 6 240,492 0 0	39,77,298 6 3	206,790}	489,7434	756,542
Total for 6 weeks	887,9HR}	15,83,244	7 5	145,130 14 10	74,00,151 10	31,38,905 3 6 287,732 19 7	47,22,149 10 11	311,960	887,270)	800,140t
COMPARISON.										
Total for corre- sponding week of pre-										
Per mile of railway, cor-	122,868}	1,94,873	11 6	17,863 8 6	10,46,000 20	4,13,096 5 0 37,867 3 3	6,07,970 0 6	43,932	78,516	117,448
responding week of pre- vious year Total to corre-		153	4 5	. 15 19 2	 	323 12 8 29 11 10	475 1 1	*****	*****	•
date of pre-	783,965}	15,08,045	4 1	135,237 9 8	00,18,200 20	24,70,025 4 9 8,28,709 6 4	 39.41.07 9 8 10	200,656	443,827	743,483

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 10th February 1877, on 2333 miles upon.

		Ra.	А. Р.	E e.	d.	Mds. 8.	Rs. A. P.	£ s. d.	Rs. A. P		i
Total traffic for the week	6,997}	23, 21H	P 6	2,128	7 5	2,35,780 20	60,398 11 0	5,538 10 11	83.617 4 6	4,8742	13,0044 18,5368
Or per mile of sailway		103	12 4	9 10	3		200 15 0	25 14 11	873 11 4		
For previous 5 weeks of half-year	39,034	1,61,381	6 6	14,794	9 1	11,61,611 30	3,01,534 7 0	27,610 13 1	4,62,928 7 0	29,557	75,490£ 105,0 23 £
Total for 6	45,031	1,84,013	10 0	16,922 1	6 6	14,00,422 10	3,61,983 3 0	53,177 4 0	5,48,515 12 U	34, 1011	60,161 123,5 62
Comparison.	•			1							
Total for corresponding week of pre- vious year Per mile of railway, cor- responding	7,837	26,813	13 9	2,430 19		1,13,837 30	23,332 2 6	2,138 15 K	40,84R 0 R	5,074 •	b,452 10,5 2 5
week of pre- view year Total to corre- aponding	•	118	8 1	10 1	7 3		104 4 6	9 11 2	222 12 7		
date of pre- vious year	41,714}	1,70,240	1 6	12,307 10	8	6,9K,201 20	1,30,193 6 6	11,934 G. 1	2,65,441 8 0	29,738	33,063 02,747

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 10th February 1877, on 28 miles open.

		DOACHING TRAI	PPIG.	Merchand	ISE AND MINERAL TRAPPIC.	Total
	Number of passengers.	Conching	receipts.	Weight carried.	Receipts.	receipta.
		Ra. A. P.	£ s. d.	Mds. 8.	Re. A. P. & s. d.	
Total traffic for the week	10,317	1,333 0 0	133 6 0	17.174 0	543 0 0 54 6 0	197 13 0
Or per mile of railway	808	47 8 0	4 15 0	613 0	19 8 0 1 19 0	6 14" 0
For previous 5 weeks of half-year	51,935}	7,182 0 0	718 4 0	80,084 0	2,769 0 0 27N 1N 0	007 ± 0
Total for 6 weeks	64,252}	8,515 0 0	851 10 0	97,258 0	7,275 0 0 373 4 U	1,146 14 0
· COMPARISON.						i
Total for corresponding week of previous year Per mile of railway, corresponding	11,004	1,500 11 6	150 1 5	20,484 25	648 14 8 64 7 9	214 D 3
week of previous year Total to corresponding date of	306	83 9 6	572	721 \$3	2300 200	7 15 8
brogions have	58,246	7,555 7 0	755 10 11	93,458 90	2,924 11 6 293 9 4	1,048 0 3

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 10th February 1877, on 158 \ddagger miles open.

AND DESCRIPTION OF THE PROPERTY OF THE PROPERT		Солоніно Тварую.		MERCHAND	DIE AND MUNRAL TRAFF	1C.	Total
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts		receipts.
		Rs. A. P. & c	d.	Mds. S.	Rs. A. P. &	. d.	2 . 4
Total traffic for the week	\$3,636}	29,489 4 9 2,705 8	9	1,49,063 23	30,074 8 7 2,911 1	i6 I	8,814 19 10
Or per mile of railway	213	186 5 7 17	. 8	941 38	198 18 4 17 1	5 4	86 17 0
For previous 5 weeks of half-year	176,3534	193,019 18 6 11,976 10		8,40,047 6	1,81,611 2 8 16,647 1	3 9	27,924 10 1
Total for 6 weeks	200,992	152,509 2 3 13,980 (1	0,49,110 29	2,12,285 6 3 19,459	9 10	83,439 9 11
Comparison.							
Total for corresponding week of previous year Per mile of railway, corresponding	26,983	28,903 6 4 2,874 9		1,50,455 31	27,29R 11 7 2,502	7 8	4,576 17 2
week of previous year	220	163 11 0 15	1	950 30	178 8 1 15 1	6 3	30 16 4
previous year		1,62,365 2 2 14,965 1		1	1,81,065 13 9 16,897 1	4 3	31,463 3 6

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 10th February 1877, on 271 miles open

		Ra.	A. P.	e e	ı. d.	Mds. R.	Ra. A. P.	£ e. d.	2 e.d.
Total traffic for the week	2,631	1,220	0 0	133	18 0	4,661 0	463 0 0	46 4 0	169 2 0
Or per mile of vailway	96	45	0 0	41	LO 0	. 171 0	17 . 0 0	1 14 0	640
For previous 5 weeks of half-year	11,416	5,400	0 0	546	IB O	43,897 0	2,077 0 0	207 14 0	844 12 0
Total for 6 weeks	14,017	6,698	0 0	609	16 9	48,358 0	3,439 0 0	343 18 0	1,018 14 0
Comparison.									-
Total for corresponding week of previous year Per mile of railway, corresponding	2.5674	1,892	5 10	132	4 9	12,805 20	943 11 3	94 7 5	226 18 2
week of previous year Total to corresponding date of pre-	95	48	8 5	4	17 0	409 37	34 10 1	393	868
vious year	12,751	6,525	8 9	653	1) 1	68,805 30	5,182 3 0	518 4 4	1,171 15 5
		·					·		

No. 9 of 1877.

[REGISTERED NO. 29.]



The Calcutta Gazette.

WEDNESDAY, FEBRUARY 28, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Garrent may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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STATEMENT showing Rainfall, Weather, State and Pros- pects of the Crups in the different districts of Rengal, as reported to Government during the week ending the 24th February 1877		MSTROBOLOGICAL Telegraphic Report for the period from 18th to 24th February 1877	143
Workly Report of Rainfall compiled at the Meteoro- logical Reporter's Office	140	21st February 1877 Weekly Leturn of Traffic Receipts on Indian Railways	144 145

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 24th February 1877.

	No. District, and date of return.			f	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and	
BE	NGA	L	•				•
		Western	Distri	ets.			
	1	Burdwan.	Feb.	. 26 ,	*77	Nil	The prospects of the crops are good. Fever and cholera are prevalent in Johanabad. Public health is otherwise fair.
DIVE.	2	Bankoora,	**	24	p	Nü	Weather—Dry and gradually getting hot. The prospects of the cold-weather crops continue favorable. There were a few sporadic cases of cholera during the week.
	8	Beerbhoom,	90	24	*9	Nil	Weather—Bright and warm. The prospects of the crops continue good.
BURDWAY	4	Midnapore,	•	24	"	Nil	Weather—Getting warmer but still pleasant. State and prospects of the crops are good.
•	5	Hooghly,	,,	24	99	Nii	Weather—Getting warm. Lands are being ploughed. Potatoes are still being gathered. Vegetables are doing well. Public health is normal.
	į	Howrah,	**	24	,	Mil	Weather—Seasonable. The hot weather may be said to have begun. No crops on the ground.

Telegram of the 26th February shows rainfall during the seven days immediately preceding.

N	o.	District, and rotur		te of	.	Rainfall at Sudder Station in inches	
EN	GAL	.—(Continued.)	ļ		:		
		Central D	istr	icls.	:		
	6	24-Pergunnaha,	, Fel	. 26 ,	•77	Nil	Weather—Getting warmer. The smus, or late rice, has all been cut and gathered. The cold-weather crops have been more or less damaged by the late raise l'ablic health is better.
1	7	Nudden,	,,	21	"	-12	Weather—Cloudy and warm. There is no change in the prospects of the crop which are fair.
	8	Jessore,	10	24	"	Nil	Weather—Fine. The prospects and present outturn of the cold-weather crop are good. Karly cultivation for rice and indigo has begun.
L	9	Moorahedabad,	.,	31	"	Nil	Weather—Cloudy. Perceptibly warmer. No change to report about the prospec of the crops. Boro chan is doing well and the land is being got ready for east. Prices are steady. The public health is good on the whole, thoug cholera begins here and there.
	10	Dinagepore,	••	23	.,	Nil	Weather—Generally fine and getting warm. The prospects of the cold-weath crops are on the whole fair.
	11	Rajshahye,	,.	21	,,	Nil	Weather—Clear; it is gradually getting warmer. Mornings and evenings are st evol. The prespects of the rabber crops continue good. 77/ is being sow Publichealth is good. Cholera has almost disuppeared.
İ	12	Rungpore,	**	23	**	Nil	Weather—Getting warm. The crops are good. Ground is being prepared for t cultivation of early rice.
ļ	13	Bogra,	99	24	p n	Nil	Weather—Fair. State and prespects of the crops are very good.
1	14	Pubna,	••	21	•,	Nil	Weather—Still rather cold for the season. State and prospects of the crocontinue to be satisfactory.
	15	Darjeeling,	71	23	,,	-33	Weather—Cold and cloudy during the week. No crops of importance are on ground. Land is being prepared for sowing.
	16	Julpigoree,	••	24	,,	Nil	Weather—Days are unusually hot for the time of the year. Land is being prepared for the cultivation of early rice. Mustard is coming into marked it has yielded a good harvest. Other crops are doing favorably. Publically is good.
l		Cooch Behar,	•	22	••	Nil	Weather. Just beginning to be warm. There was a slight shower of rain the night of the 18th instant. Mustard is being cut. Flekts are being prepared for bitri dhas. The late rains have proved very seasonable. The prospects of tobacco continue favorable.
		Easters 1	Dial	rict s .		ļ	
r	17	·Dacca. I	Feb.	26,†	· '77	Nil	Weather—Seasonable. State and prospects of the crops are very good.
		Fureodpore,	••	21	,,	מא	The weather was abnormally cold during the early part of the week, but has a become suddenly warm. The prospects of the crops are good. No special sickness reported.
	19	: Backergunge,	••	22	••	. Nil	Weather—The 20th and 21st instant were much warmer. There is nothing special to report regarding the state of the crops. No where does cholers as in an epidemic form, but isolated cases are reported from many parts of district.
.	20	Mymensingh,	**	23	•	Nil	Weather—Fair, and has become very appreciably warmer. The prospects of & dhas are good. This is the only crop now on the ground worth mentioning.
(21	l'ipperah.	••	23	,,	Nil	Weather- Fine, clear, and dry. The cold-weather crops are being harvest Boro dhan, or spring rice, is thriving well.
	22	Chittagong,	**	22	••	Nil	Weather—Fair. The cold-weather crops promise well. The late rain has the effect of partially abating cholers.
G LVIVE.	28		•	, 94	,,,	Nil	Weather—Seasonable. Heat gradually increasing. The resping of the sa crops has been completed. The cold-weather crops, such as pulses, &c., h suffered much from the rain which fell during the first part of this month. cultivators are busy in preparing their lands for the early rice. Cholera much abated throughout the district.
CHITIABONG DIVE.	34	Chittegong Il Tracts,		, 2 0	**	Nil	Weather.—Very cold throughout the whole week. Henvy fogs up to 9 o'el in the morning, The tobacco plants are thriving well. The outturn of mustard crop has been an average one. The hill people are engaged in cut their jooms for cultivation. Cholers is still prevalent in the northern part of district.
	Į	Ilill Tipperah	۱, ,	, 21	,,	Nil	Weather—Seasonable. State and prospects of the crops are good.
		1				i	1

^{*} Report of the 26th February whows rainfalt during the seven days immediately preceding.
† Telegram of the 26th February shows rainfall during the seven days immediately preceding.

3	No.		District, and date of return.			Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and						
BK	HAR	•											
	25	Patna,	Feb.	26•	'77	-20	Weather—Clear after slight rain on the morning of the 21st instant at Sudder Station. Heavy rain fell towards the south of the district. Prospects of the rabbee crops are good. Health is excellent.						
.	26	Gya,		24	••	·04	Weather—Some rain fell all over the district nearly; cool in the mornings and evenings, beginning to get warm in the day time. The late rain injured the poppy crop, but not so much as was originally supposed. Wheat and barley suffered to a small extent, but have revived. Mango trees are late in coming into flower. Public health is good.						
ž	27	Shahahad,	••	21	"	1:06	Weather—Clear. The rubbee crops are reported generally to be promising, but the rain has done some damage.						
Ξį	28	Durbhunga,	••	24	"	-05	Weather Seasonable. Prospects of the rubbes crops are good.						
PATNA DIVN.	29	Mozufferpore	, ,,	21	"	-32	Weather—Growing warm. There is no change in the prospects of the crops. Public health is good.						
	30	Sarun,	n	24	19	-34	Wenther—Clear and cold. There was a full of rain on the morning of the 22nd instant. 48 is reported to have fallen at Sewan. The sky appears to be actiling. Wind blowing from the west. The rabbee crops are fast reaching maturity, and the prospects are everywhere favorable. The late rain, if general throughout the district, must have slightly injured gram, wheat, and raser. Poppy too must have suffered, as the opium from the capsules was washed away by the rain. Mustard and peas are being harvested. General health is good.						
į	31	Chumparun	•	•••	•	•••••	Return not received.						
ſ	32	Monghyr,	**	24	,,	· 2 7	Weather—Fair. The prespects of the crops continue good.						
AN.	33	Bhagulpore,	**	26*	•	·34	Wenther—Very fine, except on the 22nd, when it rained. '40 of an inch fell at Banka and '02 at >copole. The crops are all excellent. The general health is very good, with the exception of a few cases of cholera and small-pox.						
	34	Purneah,	,,	24	"	Xil	Weather-Getting hot. West wind blowing. State and prospects of the crops are good.						
BRIGGIPORE DIVE.	85	Maldah,	91	24	71	Nil	Weather—Fair except on the 19th and 22nd instant, when it was cloudy, with a few drops of rain on the latter date, which were not appreciable by the rainguage. North-east wind blew during the cloudy days, west and south-west at other times. The maximum heat was 73° and the minimum 55°. The weather is getting warmer at midday. The crops are in excellent condition as before. Righteen deaths from cholera reported.						
		Sonthal Pergl	1×. ,,	25	5.	-21	Wenther—Getting warmer. '31 of rain at Godda. The subbee crops are reported not to have been damaged by the late rain. Ploughing is in progress.						
ORI	188A.				!								
. [Feb.		77	Nil	Weather—Fine and warm. State and prospects of the crops are good.						
ORIGEA DITH.	38	Poorer,	"	22	***	Nil 	Weather—Fair. Some of the dalas paddy crop is in the car. The state of the other crops is good. Ploughing for 1877 has commenced and is in good progress. The late rains had the effect of low ring the market to some extent. The selling price of common rice at present is 18 seers and 6 chuttacks per rupee. Exportation is going on. Cholera has made its appearance in the city in consequence of influx of pilgrims for the Dala Julea.						
l	39	Balasore,	*	23		Nil	Weather—Warm; settled fair. Rainfall at Bhadrak 1°05 inches. No crops on the ground. A few cases of cholera reported here and there.						
CBC	ATC	NAGPORR.			!		enc ground. A low cases of choices reported and there.						
		South-Wes Agen		onlin									
	40	Hazarcebugh,	Feb.	28	77)	Weather—Fine and seasonable. No change to report. The prospects are all very good. Health of the district is good.						
	41	Lobardugga,	"	24	-	14	Wenther.—Seasonable. The prospects of the crops continue favorable. General health is good.						
	42	Singbhoom,	•	23	"	Nil	Wenther—Seasonable. The prospects of the rubbee crops are favorable. The district is reported healthy.						
	43	Manbloom,	••	24	•	Nil	Weather—Fair; days are getting warm. Sugarcane is being cut and pressed, with an average outturn. There are no other crops now on the ground save putches of barley here and there over the district.						

^{*} Telegrams of the 20th February show randall during the seven days immediately preceding.

l'ublished for general information.

CALCUITA, STATISTICAL DEPT., The 27th February 1877. H. J. S. Cotton,

Jr. Secy. to the Goot. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

Divisions.	Dista	ic ts .		Stations.		Rain from 4th to 10th February 1277.	Rain from 11th to 17th February 1677.	JA	FROM 187 BUARY 1877.	Remarks.
Ł	<u> </u>			!		F 32	E TE	Inches.	Up to date	
ריצמ	NGAL.					Ĭ				
J434	Western	Distr	icts.			Inches.	Inches	1 	1877.	
)		1	Burdwan		1.76	Nil	2:19	17th Feb	
_	Burdwan		j	Cutwa		1·62 2·15	ditto	2.61 3.17	ditto	
	Daramen		j	Bood-Bood Rancegunge	•••	1·55 2·01	ditto gitto	9:07 3:08	ditto	
ı			Į	Jehanabad	•••	2-29	ditto	3.71	ditto	
ı	Bankoora	•••	•••	Bankoora	•••	1.61	ditto	2 40	ditto	
١	Beerbhoom	•••	{	Sooree		1:88	ditto ditto	4·67 4·89	ditto ditto	
			- (Roypore	•••	1.22	ditto	8.94	ditto	
DUEDUA.			ſ	Midnapore	•••	8-17	ditto	6.02	ditto	
١	Midnapore	•••	}	Tumlook	•••	1.81	ditto	5.13	ditto	
1				Contai Dy. Collr.'s	Office	3.2% 7.35	uitto ditto	4·17 4·07	ditto ditto	
			ļ	(Exc. Engr.'s	Office	Not rec.	Not rec.	3.03	3rd Feb.	
	Hooghly		{	Hooghly Serampore	•••	2-20 2-20	Nil ditto	3·53 4·40	17th Feb. ditto	
U	Howrah	•••	{	Howrah	•••	2.61	ditto	5:25	ditto	
	CENTRAL D)1 5TR J	CTS.	Maheshrekha	•••	2.77	ditto	5.11	ditto	
			ſ	Saugor Island	•••	2.00	ditto	6.30	ditto	
				Calcutta Alipore Dispensary	***	1·97 2-07	ditto ditto	6·16 5· 8 7	ditto ditto	
	}			Bussecrhat	•••	2 50 1·14	ditto ditto	5·67 4·15	ditto ditto	
ŗ	24-Pergunnah	he	{	Bararet Diamond Harbour	•••	2·10	ditto	4:36 6:00	ditto ditto	
	}			Barriporo	•••	2.03	ditto ditto	6-34	ditto	
П			ļ	Barrackpore	•••	1 87 2·15	ditto ditto	4109 4113	ditto ditto	!
Ш			Ì	Dum-Dum Kishnaghur	•••	9°20 1°48	ditto ditto	3.20 3.81	ditto ditto	
Ш	Nuddea .		J	Rongong Meherpore	•••	2-07 1-23	ditto	3·49 1·74	ditto	
		•••	"]	Choondanga	•••	1 79 1 26	ditto ditto	3·13	ditto	
1			į	Ranaghat	***	2.12	ditto	3.17	ditto ditto	
			- 1	Nurrail	•••	1.13 1.81	ditto d:tto	3.23 3.43	ditto ditto	
11	Jessore .	•••	{	Khoolna Jhenida	•••	1.50 1.50	ditto ditto	3·66 2·70	ditto ditto	
			i	Bagirhat	•••	2·10 1·65	ditto ditto	4·80 2·56	ditto ditto	
П			ſ	Berhampore	•••	1.25	ditto	4.54 4.30	ditto	
	Moorshedahad		J	Lalibagh	•••	1.30	di to ditto	9.33	ditto dit to	
4	To Coll Mithelian		"ì	Jungypore Azimenage		7.71 0.40	ditto ditto	4·70 8·06	ditto ditto	
-			l	Laligolia Kaudee		1·21 1·36	ditto ditto	4 96 8 43	dit t o ditto	
	Dinagepore		S	Dinagepore		0.10	ditto	1.28	ditto	
	M. 1.1.1		{	lingunge Maldah		0.43 U.49	ditto ditto	2·75 2·44	ditto ditto	
		••	ş	Chanchal Baulealı	•••	0:44 1:10	ditto	2·49 4·39	ditto	
П	Rajakahye .		 ₹	Nattere		0.01	ditto	4.01	ditto ditto	_
			{	Rungpore		0-11	ditto	1.81	ditto	•
{	Rungpore .		{	Blowanigunge Kurigram		0.00	ditto ditto	1.09 1.10	ditto ditto	
Ш				Baguogra		0-07	ditto	1.40	ditto	
П	Bogra .	•••	{	Bogra Sherpore	•••	0.02 1.00	ditto ditto	2·11 3·27	ditto ditto	
11				Funchbibi		011	ditto	1.30	ditto	
L	Pubna .	•••	{	Pubna Serajgunge	•••	1.08 0.70	ditto ditto	4·04 8·2]	ditto ditto	
r	Darjeeling		•••	Derjeeling Telegraph		0-22 0-56	Not rec.	2 ·13	10th Feb.	
			r	Julpigorae		Nil	0.38 Nil	8·62 1·21	17th Feb.	
	Julpigoree .		J	Bodah	***	0-16	ditto	2.40	ditto ditto	
	-mhillosaa .		1	Burn-Civil Surgeon's		Not rec. U14	Nil	0.71 1.69	97th Jan. 17th Feb.	
	Casel Balan	M-21		Check Dahan		Not rec.	ditto	1-80	ditto	Not rec. from 28th Jan. to 10th F
H	Cooch Behar !	T1100	wy	Cooch Behar	•••	Nil	ditto	1.08	ditto	

DIVISIONS	lustaces.	STATIONS.	Rain from 4th to 10th February 1877.	Rain from 11th to 17th February 1877.	JAX	FROM 167 FOARY 677.	RSHARES.	
DIA			Rain to 10 1977.	Radin 1 17th 1877	inches.	Up to date.	 -	
_	BENGAL.—(Continued.)				1			
•	•		Inches.	Inches.		1877.		
	Kasters Districts.							
	Dacca	Dacca Telegraph Office		Not rec.	2·40 8·10	10th Feb.	Not rec. 1st to 6th Jan.	
	[] DACOR	Moonsheegunge Manickgunge	4-20 1-36		5-01 8-25	ditto	7.1.4	
7	Furrendpore {	Furresdpore Godundo Madaripore	1·61 1·32 1·34	Nıl ditto ditto	1:98 2:78 2:94	 17th Feb. ditto ditto		
DACCA.	liackergunge {	Burriesl Perosepure Patooskia-ly Dowlutkhau	1:81 1:72 3:03 0: 4 0	Not rec. ditto ditto ditto	4·15 4·•0 6·18 (r·4)	10th Feb. ditto ditto ditto	Not recorded 18th and 13th Jan. and 28th Jan. to 3rd Feb.	
į	Mymensingh {	Mymensinh	0.71 0.63 1.43 1.01	Nil ditto ditto ditto	2:55 2:54 2:76 2:80	17th Feb. ditto ditto ditto	and satu Jap. to 3rd Feb.	
1	Chirtagong {	Chittagong { Telegraph Office Jail	9:40 9:71 0:91	ditto ditto ditto	3.70 4.11 1.88	ditto ditto ditto		
٤	Noakholly \$	Noakholly Fenny	2·27 0·76	ditto ditto	4·41 3·20	ditto ditto	·	
CHITTAGONG.	Tipperah	Comillah	1·49 1·43	ditto	2:97 5:38	ditto		
CHIT	Chittagong Hill Tracts	Rungamatee Hill	2:47	ditto	5.23	ditto		
ţ	Hill Tipperalı	Hill Tipperah	1.02	ditto	4-19	ditto		
	HAR. 	l'atna Heliar Heliar	1 07 1·16 1·19 1·18 0·98	ditto ditto ditto ditto ditto	2:50 2:96 2:29 2:38 2:18	ditto ditto ditto ditto ditto ditto		
	: Gya	(iya N: wadah Arungabad	1.68 Not rec.	Not rec. ditto ditto	2:03 3:16 U:60	10th Feb. ditta 3rd Feb.	Not rec. 12th Jan and 14th to 10th Feb.	
PATSA.	Shahabad • {	Jehanabad Arrah Sas-cram Bugar Bhubooah	1·51 1·67 1·87 2·00	ditto Nil ditto ditto ditto	8-27 4-04 3-50 4-49 4-40	17th Feb. ditto ditto	Not rec. Slat to 27th Jan.	
P. P.	Mufferpore {	Mozuficzpore Hajecpore Scetamurhes	Not rec. ditto ditto	Not rec. ditt : ditto	1·0·) 1·71 2·83	2·th Jan. ditto ditto		
İ	Durbhunga	Durbhunga Mudhoobunuce Tajpete	0-79 0-45 0-90	Nil ditto ditto	8°30 2°74 2°96	17th Feb. ditto ditto		
	Sarun {	Chupra Sewan	1·14 0·70	ditto ditto	3·14 4·69	ditto dirto		
l	Chumparun	Motibarce	0-72 U-9 i	ditto ditto	4·16 8·83	ditto ditto		
ſ	Monghyr	Monghyr isgo serai Jamosee	(r77 (r.12 1:44	Not re. ditto ditto	1:83 2:09 8:69	10th Feb. ditto ditto		
RHAGULPORE.		Ishagulpore Norpool Muddehpoora Banka Nonbursa	0.24 0.20 0.24 0.24	Nil ditto vitto ditto ditto	2:31 2:20 2:76 3:23 2:37	17:b Feb ditto ditto ditto ditto		
PHAGE	Purneah	Puruesh Ki-saengunge Arrarenh	0:49 0:11 0:49	ditto ditto ditto	1:71 1:33 1:80	ditto dirto ditto		
	1 :1	Nya Doomka	1-21	ditto	4'35	ditto	N. d 1444 4- 604 1	
Į	Southal Pervanaha	Rajuehal Deoghur	0.86	ditto ditto	0.90 3.74	ditto ditto	Not rec. 14th to 20th Jan.	
	1 1!	Godda	0.80	ditto	1.94	ditto		

-							
DIVISIONA	Distratore.	Stations.	Rain from 4th to 10th Febuary 1877.	from 11th to h February 77.	Ja	PROM 1st SUART 1877.	Remarks.
Dia			Rain to 10 1877.	Rain fro 17th 1877.	Inches.	Up to date.	
ORI	[89A. :		Inches.	Inches.		1877.	
	1	Cuttack { Telegraph Office	0-70	0.20	2:00	17th Feb.	[
		1 1-1	0.65 2.10	0.63	1 84	ditto	l
ſ	Cuttack	Kendraparah	3.20	0°80 0°40	8°05 4°80	ditto ditto	
ı		Jugutaingpore	0-80	Nil	1.70	ditto	
ł	i l	False Point	4-90	ditto	5-95	ditto	
Į.		Pooree	2.41	0-72	8-17		
OBTRA	Pooree {	Khurdeh	0.83	048	3·17 2·27	ditto	
31	į d	Palasore { Exc. Engr.'s Office Collector's Office Rhadwack	0.75	Nil	8-10	ditto	
-1	! []	Collector's Office	0.98	ditto	8:31	ditto	
1	Balasore		2·25 2·52	ditto	7·86 5·73	ditto	
- [Norsh	0.24	ditto ditto	5.73 2.56	ditto ditto	
ı	[[[Chandbally	2.93	ditto	5.48	ditto	
l	Cuttack Tributary Mehala	Sumbulpore	0.70	ditto	5-67	ditto	
	CHOTA NAGPORE.				·		
	CHUIA MAGPURE.			l i			
	SOUTH-WESTERN			li	į		
	PROTTING AGENCY.			1			
	(Hazareebegh { Jail	2-71	ditto	4 67	ditto	
1	Hazareebagh }	C 171spensary	8-23	ditto	4.84	ditto	
	4	Pachumba	2.27	di to	4:34	ditto	
- 1	Lobardugga }	Ranchee	8-35	ditto	6.67	ditto	
	"	Palamow	2-25	ditto	4:05	ditto	
	Singbhoom	Chyebassa	2.95	ditto	6.95	ditto	
- 1	Manbhoom }	Purulish	2.72	ditto	3 76	ditto	
1	\	Govindpore	2-13	ditto	5.73	ditto	
	A88AM & ADJACENT HILLS.						
	8ylhet	Sylhet	0.62	ditto	477	ditto	
i	ام	Serlennen					
	11	Golombat	0.41 0.31	Not rec.	1.73	10th Feb.	
- 1	11	Jorchaut	0.41	ditto	1·46 1·47	ditto	
- 1	Scebnangor	Deopanie	0.71	ditto	2 15	ditto	
- 1		Hattiepootie Masengah	0.40	ditto	1.24	ditto	
- 1		Negental	0.49 0.43	ditto ditto	1.58	ditto	
	11	huntock	0.08	ditto	1·58 2·19	ditto	
- 1	Ü	Cherideo	0-89	ditto	9-43	ditto	
		Akyab	0.60	Nil	0.00	17th Feb.	
- (_[}	:		
b		Alwar	Nil	ditto	Nil	ditto	•
ľ		Jaiper	diuo 0:37	ditto ditto	0.28 0.3 ,	ditto	
				4.100	0.08	duto j	

CALCUTTA,
The 24th February 1877.

A. Pedler,

Offg. Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 18th to 24th Feb. 1877.

		1	Barometer	Barometer	Turre	DESTER.	F	Winn) .		1	
	Date.	Ilour.	reduced to 32°.	roduced to sea- level.	Dry.	Wet.	Humidry Set.=100.	Direction.	Velocity.	Rain.	Clouds.	Weath initial
_	Feb. 18th	10	80-196	80.215	70.2	58*6	 46	Wxw	İ		j · · ·	
Ш		16	80.071	30'090	70.4	61.3	87	s W		*** ***		1 5
П	19th	10 16	30·192 30·093	30.311	68·8 76·0	24.2	50 90	S W				6
H	20th	10	80.508	30°101 80°225	71.8	67.2 9.49	29 56	W N W		*** ***		6
Н	20111	16	30.067	80.048	78-6	6:3-0	88	WXW		*****	*****	16
	21st	10	30-163	30.183	72.0	65.0	67	W by N				1 6
וו		16	30.033	30.048	80.0	69.3	43	8		•••••		6
Ш	22nd	10 16	30·135 3·/023	30114	74·5 80·5	68.2 60.0	61 61	SRW 8		*** ***	CK	6
Ш	23rd	10	30.110	30.139	76.1	70.0	73	8 bv W		*** ***	CK	1
Ш		16	20:072	20.201	83.2	71.6	67	8		******	KS	1
	24th	10 1 6	30:136 3 0:011	80·155 30·030	77:3 84:5	70·5	71) 40	N R W by N		*** ***	(18 C)	
ר וו	Feb. 18th	10	30:205	80:211	79	61	50	NNK	5.8	•••		6
П	19th	16 10	30:083 30:189	30:088 30:195	75 71	63 63	44 63	88 W	3·8	*****	Ç	1 5
П	1014	16	30.100	30.083	77	60	53	WXW	6.3	*** ***	C	3
11	20th	10	30.303	80.304	72	65	67	NNW	10		*** ***	b, m
П		16	30.080	30°0NB	76	67	(61)	, s W	7.1		*** ***	l, m
IJ	21st	10 16	80·158 30·036	3-1164 30-049	74 78	66 69	61	8 W 8 W	2·9 8·9	•••		b, m f
11	22nd	10	30:130	80.130	74	68	72	8	5:3		e	b, ==
П		16	30.033	30.0:48	78	71	70	8 8 W	8.2	*** ***	čs	3
Ш	2 3rd	10	30 108	80.114	77	71	78	b W	3.8	*****	C	1
П	24 th	16	29-997 30-136	30'03	70	71 73	00 82	N W	7.7	*** ***	CH	1 6
H	25-1611	10 16	30.014	30°149 30 023	77 83	74	63	WKW	3·3 4·8	••••	CS	6. mf
Ч		10	00 010	0	- 50				"	•••	L8	١•
r	Feb. 18th	10	80:1:0	30-196	67	69	(14	N	3.8	*** ***		b, m
П	19th	16 10	20 10 t 30 10 t	30°0 63 30°190	76 70	61 60	49 48	88W NK	6.2 4.8	*** ***		b, ==
H	19411	16	20.501	3.1089	71	69	47	w's w	6.7	*** ***	•••••	=
и	20th	io	30 007	30-193	67	59	60	8 8	2.9	*** ***	******	ī, =
Н		16	20.ñ⊀T	301075	76	C4	40	wsw	7.5			b, m
"	21st	10	30°087	30·182	70 80	62	61 37	8 8 B	4:1	•••		b, m
11	22nd	16 10	29·970 30 026	30:120	74	61	55	NK	4.7	••••	•••••	b, #
П		16	30-114:3	30.050	60	66	41	NNE	7.3	*** ***		
П	23rd	10	30.034	80 118	75	(15	50	Ж	8-6	*****		
Ш	0415	16	29-928	30:021	80	68	6l	NNR	6.4	•••		986
П	94th	10 16	20.630 30.018	30°143 30°022	77 81	68	53 40	W	5·8 4·9	••••		**
Ч						- 1		_		***		-
1	Feb. 17th	10	30:109 30:013	30 130 30 035	86 85	74 74	55 58	R	11	•• •••		b, c
H	18th	16 10	30 143	30°165	81	73	67	E	10	•••	•••	b
۱i		16	80-028	30.051	84	73	54	K	14	•0• •••		1 6
Н	10th	10	30°198	30.210	85	79	61	R by 8	10	••••	*****	6, 0
Ш	8041	16	30 011 80 161	30.184	83	71 73	63 61	RNE	13	•••••	*****	6, 0
l	20th	10	80 073	30.002	85 83	74	63	K by S	l ii l	• • • • •	•••••	6
Ш	21st	io	30.124	30-147	83 j	74	63	S K by E	R		*****	b, c
!!		10	30.008	30 031	83	73	57	ĸ	111			C
П	22 nd	10	30:031 30:031	30.021	84 83	70 78	47 60	· K	7	•••••		6, 0
П	23 rd	16	801105	30118	81	71	50	12 by 8	7	*****	••• •-	6
H		16	2U-0-19	99·97±	81	79	51	K by B	9		*** **	1 6
	Feb. 1+th	10	30:128	30-211	75	61	69	N E	0-0		c, ck	
H		16	29**83	30%5	83	6.	33	WNW	2.8		C, CK K	6
11	10th	10	30:148	30:231	76	68	68	NK	0.8	•	K	6
H	20th	16	29:993 30:117	30×75 30×200	83 76	64 64	36 49	N W K N E	1.3 5.6	*** ***	K	6
Н	20LN	16	20-983	80 065	83	64	30	NE	20		K K	1
۱۱	21 st	10	30 074	80:167	70	(11)	58	8	0-0	******	K	5 5
ı		16	29.852	30.007	84	(0)	44	68 K	3.7		P K	3
П	22ud	10 16	80°059 29°935	30°149 30°007	79 85	67 71	61 47	8 8 W	1.8 5.7		CK	6
Ш	23rd	10	80 016	30*499	81	72	63	wsw	2.6	•	*** ***	6
il		16	20'873	29.955	87	73	50	8	2.8		CK, PKC	
1	31tP	10 16	80:075 29:910	3::138 29:991	78 89	71 72	70 43	W S W	1·8 2·8	••• ••	PK, C	1
7	Fob. 18th		30-13-3	30-154	78	04	43	NNW		*** ***	CK, K	
	e ug. 18th	10 16	3:r010	30.003	78 77	65	49	WW	5.0	••• •••	-00 500	b b
П	19th	10	30.160	30-182	76	65	53	N	1.3		** ***	1 6
П		16	30012	10001	79	60	97	NNW	6.0	• ••	*** **	6
П	20th	10	30·180 30·042	30°203 30°044	73	62 66	51 53	N.K	3·3 4·3			6
H	21st	16 10	30°042	30'147	77	68	61	K.	27	• ••	***	6
1	1	16	30'019	8 -041	81	69	53	8 W	40	-00 000	*** ***	6
Ш	22nd	10	30·108	30*130	76	67	64	ENE	1.9	***	*** ***	6
į١	23rd	16 10	30:020 80:11a	30137	89 76	67	49 64	SW NNE	4·0 1·3	•• •••	*****	6
П	Dioz	16	20191	30°137	76 81	70	56	NNE W	5 .9		*****	8
Ш	24tb	10	30047	30-109	79	71	66	RNE	3.1		*** ***	
,,		16	20.954	20.976	84	78	67	N N.	7.8	***	*** ***	8

A. PEDLER,
Offg. Meteorological Reporter to the
Government of Bongal.

CALCUTTA,

The 24th February 1877.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 15th to 21st February 1877.

														حاشفت	
			THE	PHONI	TEL.			- de	humidity.	WI	ID.				
Mosth.	Date.	Mean reduced barometer.	Highest reading.	Lowest reading.	Max. solar radi.	Mean dry bulb.	Moan wet bulb.	Computed mean point.	Mean degree of hum	Provailing direction.	Max. pressure.	Daily velocity.	Kain.	Moon's phases.	Gypyral Remarks.
		Inches.	0	0	0	0	0	0		1		Miler.	In.	Γ	
Feb.	16th	30140	75.0	59 ·6	1500	66-8	5 9 ·5	63 ·7	0.62	NNW,N E&NW		99-4			Clear. Slightly foggy from 8 to 11 r.m.
	10th	.103	75-2	5H-O	131-0	66-5	58·4	21.8	-63	NWWM		52-8			lear.
	17th	-311	78-9	58.2	1310	66-2	58.0	61-2	-80	by N N W & W N W		76-9	•••		Clear Foggy from 9 to 11 P.M.
	18th	-117	764	67-8	180-4	67·1	59.3	63 ·1	.43	W K W&		72:3			Clear. Slightly foggy at miduight, 1 A M., 8 &
	19th	127	76-9	00.0	1890	·7·4	59.2	69·8	-61	SW&W WW		92-3	•••		9 p.m. Clear.
	20th	-181	78:0	69.0	133 0	CR-4	66	54-2	.45	W N W &	 	66.1			Clear. Slightly foggy from 8 to 11 P.M.
	21st	-1106	80:0	60.3	1 33 -0	oren	07-8	57·3		W by N &		33:3		>	Chiefly clear. Slightly foggy from 7 to 10 r.m.

The mean barometer, as likewise the dry and wet bulb thermometer means, are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days The maximum temperature during the past seven days The maximum temperature during the corresponding period of the past year The mean humidity during the past seven days The mean humidity during the corresponding period of the past year	•••	← 22·2 80·0 90·0 0·63 0·61
The total fall of rain from 15th to 21st {by lower rain-gauge by anemometer gauge Ditto ditto ditto, average of twenty-three previous years Ditto ditto between the 1st January and the 21st February Ditto ditto ditto, average of twenty-three previous years	····	Inches. Nil Nil 0·27 5·16 1·40

The 24th February 1877.

GOPERNAUTH SEX.
In charge of the Observatory.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 17th February 1877, on 1,279? miles open.

		Coacein	F TRAI	FYIC.		Merchandi	GE AND M	i sa se i	ral Traypic.		TRAIN MICES RUN.		
	No. of passent- gure.	Con	ehing	receipts.		Weight		Rec	oipta.	Total Trappic Recripts.	Conch-	Merchan- dise.	Total.
Total traffic for		Ra.	A. P.	2	d.	Mds. B.	Re.	a. P.	£ s. d.	Ra. A. P.	i		
the week Or per pule of	141,3581	2,01,401	3 0	18,737 1	0	13,44,854 0	0,65,270	15 0	51,813 13 3	7,09,611 2 0	41.071	18,016	1 13,617 }
railway For previous		159	11 7	14 12 1	10	-41191	461	to to	40 9 9	601 G 5			
6 weeks of half-year	847,945k	15,83,54	7 5	145,130 11 1	10,	74,09,15: 10	81 ,8 9,905	3 6	287,7 32 19 7	47,22,149 10 11	311,A69?	197.2701	MM,1401
Total for 7 weeks	1,020,213	17,87,618	10 5	163,×67 15	'- 10	88,14.005 10	87,04,145	2 6	::19,516 12 10	54,01,793 12 11	356,5403	080,217	1.043.757
COMPARISON.		ĺ		i							i		
Total for corre- sponding week of pre-										!	- !	\ :	
vious year Per mile of railway, cor-	132,456	2,02,571	15′0	18,609 1 1	10 	10,05,627 30	' 4,60,146 . i	11 6	42,179 18 8	6,62.716 10 G	43,62% i	76,293	119,921
responding week of pre- vious year	******	158	4 8	14 10	: 8	******	330	8 11	3 2 10 2	517 J3 7,			
Total to corre- a ponding date of pre-					İ]			
Atoma Logi	916,421	17,10,617	3 1	156,806 11	Ø	71,13,894 10	24,1Ni, 170	0 3	265,482 5 0	141,003,7N7 3 4	341,291	519. 9 20	503,40 t

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 17th February 1877, on 2233 miles open.

Total traffic for	!	En.	A. P	e	s. d.	Main. R.	Bs. A. P.	£ s. d.	Rs. A. P.	ļ	
the work Or per mile of	5,ND 4	15,978	11 6	1,46	111 4	2,97,057 0	71,501 13 0	6,829 6 8	90,190 N G	4,874} 10,330}	24,206
railway .		71	6 7	•	3 10 TI		332 15 6	3 0 10 5	401 G I		
6 weeks of half-year		1,84,618	10 0	16,02	2 16 6	14,00,423 10	3,61,933 2 0	33,177 4 0	5,44,545 12 0	34,4011 80,161	123.5024
Total for 7 weeks	50,925	1,00,691	5 6	18,397	10 10	16,97,479 10	LNG, 634 15 0	40,006 10 K	A,37,026 4 A	80,275} 108,491?	147.767
Comparison.		İ				: :	!	ļ		!	
Total for corre- s p o n d i n g weak of pre-						į				1 ;	
vious year Per mile of railway, cor-	6,044}	18,917	0 6	1,736	16 3	97.250 20	26,150 15 6	2,397 3 5	45,008 0 n	4,592 5,940	10,553
reuponding west of pro-	 							***		•	
vj.us year Total to corre- sponding	******	84	JÖ 11	'	7 15 3	i	116 14 0	10 11 3	201 8 11	•••••	*****
date of pre-	47,739	1,54,196	3 0	14,134	12 11	6,96,851 0	1.50,343 6 0	14,431 y 6	3,10,539 8 0	34,327 39,012	73,339

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 17th February 1877, on 28 miles open.

		Coaching Tha		Merchard	Total		
	Number of possengers.		E Permitta	Weight carried.	Receipts.	receipts.	
		Ra. A. P.	£ s. d.	Mds. 8.	Ra. A. P. & s.	d. e a. a.	
Total traffic for the week	10,7%}	1,616 0 0	151 16 0	16,352 0	544 0 0 54 8	0 206 4 0	
Or per mile of railway	385	54 O O	8 8 0	584 0	1980 119	0 776	
For previous 6 weeks of half-year	62,252}	8,515 O O	851 10 0	97,258 O	5,332 0 0 333 4	0 1,184 14 0	
Total for 7 weeks	77,041	10,033 0 0	10,003 d 0	1,13,610 0	8,876 0 0 357 13	0 1,580 18 0	
Comparison.							
Total for corresponding week of provious year Per mile of railway, corresponding	11,498	1,501 # 0	180 2 3	23,588 0	703 2 5 70 6 :	220 8 6	
week of previous year	204	58 9 9	572	804 23	25 1 10 2 10 3	5 · 717 b	
Total to corresponding date of previous year	60,344	9,006 9 0	905 13 2	1,15,986 20	3,027 13 9 302 15 7	1,208 8 9	

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 17th February 1877, on 1581 miles open.

		Doaching Trappic.		MERCHAED	771C.	Total		
	Number of passencers.	Coaching roce	pts.	Weight carried.	Borespts		receipts.	
		Ra. A. P.	2 s. d.	3fds. 8.	Re. A. P.	e. d.	2 a d	
Total traffic for the week	\$5,065}	26,990 5 0 2	,474 18 D	1,75,883 88	22,509 12 8 3,071	14 7	5,546 18 4	
Or per mile of railway	227	170 9 10	15 12 10	1,107 38	211 13 0 19	8 2	35 1 0	
For previous 6 weeks of half-year	209,902	1,52,609 2 3 1	5,980 0 1	9,89,110 29	2,12,285 6 3 19,450	9 10	83,439 9 11	
Total for 7 weeks	246,837	1,79,508 7 3 16	,404 18 10	11,64,443 21	€,45,796 £ 11 £2,581	4 5	38,9Hd 3 3	
Comparisor.								
Total for corresponding week of previous year	27,472)	30, \$18 13 8 1	1,784 7 10	1,42.9'4 30	56,563 11 4 2,434	28 4	5, 223 6	
work of previous year Total to corresponding date of	237	192 8 6	17 12 5	965 9	167 13 8 15	7 9	33 0 2	
previous year	210,209	1,02,783 15 5 17	7.671 17 1	10,03,934 1	2,07,638 9 1 19.083	13 7	76,704 9 S	

NALIIATI STATE RAILWAY.

Approximate Return of Traffic for week ended 17th February 1877, on 271 miles oven.

				. —				·-··			
	ļ	Re.	A. P.	£	s.	d.	Mds. 8	٠ļ	Ra. A. P.	£ s. d.	2 s.d.
Total traffic for the work	2,774	1,272	0 0	12	4	0	10,841	o į	023 0 0	62 4 0	189 8 0
Or per mile of railway	102	46	R O		13	0	398	•	23.00	260	6 19 0
For provious 6 weeks of half-year	14,047	6.61%	0 0	60	9 16	0	49,358	• i	3,439 0 0	348 1A 0	1,018 14 0
Total for 7 weeks	10,825	7,970	0 0	79	7 0	0	N9,19 0	0	4,061 0 0	406 2 0	1,208 2 0
Comparisor.				<u> </u>		:		i		1	
Total for corresponding week of	2,207	1,032	1 1	. 10	8 4	2 .	12,921	0	1,029 7 3	102 15 11	205 8 1
Per mile of radway, corresponding weak of previous year	. 81	37	8 1	:	3 15	0	510 3	1G	37 12 5	3 18 6	7 10 6
Total to corresponding data of pre- vious year	14,950	7,557	9 10	! 78	3 15	3	82,787	to i	6,311 10 3	621 3 3	2,476 18 G

No. 10 of 1877.

[REGISTERED NO. 29.]



The Calcutta Gazette.

WEDNESDAY, MARCH 7, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazzern may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calculta, or Twelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 3rd March 1877.

Present :

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, presiding, The Hon'ble V. H. Schalch,
The Hon'ble G. C. Paul, Acting Advocate-General,
The Hon'ble H. J. Reynolds,
'The Hon'ble Baboo Isser Chundre Mitter, Rai Bahadoor,
The Hon'ble Baboo Ram Shunker Sen, Rai Bahadoor,
The Hon'ble Baboo Kristodas Pal, Rai Bahadoor,
The Hon'ble Baboo Kristodas Pal, Rai Bahadoor,
The Hon'ble G. Parbury.

COURT OF WARDS' ACT, 1870.

THE HON'BLE MR. SCHALCH presented the report of the Select Committee on the Bill to amend the Court of Wards' Act, 1870.

The Hon'ble Mr. Reynolds said, while he was fully sensible of the value of the labour which the Select Committee had bestowed on the Bill, it appeared to him that the conditions under which the measure had been laid before them were such as to make the result of their labour less satisfactory than it would otherwise have been.

The Committee were precluded from considering anything more than certain specified sections of the old law, and the consequence was that if the Bill now before the Council should pass into an Act we should have the law upon this important subject in a somewhat confused and fragmentary state. It would be contained in two separate enactments, and any one who wished to ascertain what the law was would have to refer from the one Act to the other in order to discover what portions of the law had been repealed and what portions were still in force. It was true that a similar procedure was followed when the Excise law was amended by the passing of Act II of 1876; but that Act was never intended to be anything more than a temporary one, and at the time it was passed measures were already in progress for consolidating the law on the subject. It appeared to him that it would be more convenient, and more consistent with modern practice and the usual course of legislation, if the opportunity were taken to repeal the Court of Wards' Act, 1870, and re-enact it with such alterations and modifications as might be found necessary. It was very probable that in other sections we should find little or nothing to change, but it would be a great convenience to have the whole law contained in one enactment. He therefore begged to move that the Bill be referred back to the Select Committee, and that it be an instruction to the Committee to consolidate the whole law on the subject into one complete measure.

The Hon'ble Mr. Schalch observed that he hoped it would be understood that the attention of the Select Committee would be confined to the points

which were raised in the present Bill.

The motion was agreed to.

On the motion of the Hon'ble Mr. Schalch, the Hon'ble Mr. Reynolds and the Hon'ble Baboo Ramshunker Son were added to the Select Committee.

EXCISE REVENUE.

THE HON'BLE MR. REYNOLDS moved that the report of the Select Committee on the Bill to consolidate the law relating to the abkaree revenue in the presidency of Fort William, in Bengal, be taken into consideration, in order to the settlement of the clauses of the Bill. He said that a reference to the report of the Committee, which was already in the hands of hon'ble members, would show that though the alterations made in Committee were somewhat numerous, they were none of them of very great importance. Two of the most extensive alterations were founded on one general principle, viz. that matters should not be made the subject of one law when they were already provided for in another. The law relating to the sale, possession, and transport of opium, was now regulated by the Opium Act XXIII of 1876, and the Committee had accordingly excluded all provisions relating to opium from the present Bill. The old abkaree laws, Acts XI of 1849 and XXI of 1856, were enacted before the passing of the Penal Code, and several of the offences referred to in those laws were now punishable under the provisions of the Penal Code. The Committee had therefore thought it unnecessary in the Bill to provide any special penalty for offences which were already cognizable under the Penal Code. They had thought it well somewhat to restrict the powers of abkaree officers as to entering and inspecting a licensed dealer's shop. The Committee had recognized the necessity of maintaining these powers for the protection of the revenue, but they thought it better that they should only be exercised by officers specially authorized for the purpose. In section 129 (section 120 of the revised Bill) the Committee had found it necessary to specify the periods within which appeals might be preferred. The Bill, as referred to them, provided that appeals should be brought in the usual manner under the laws and regulations in force relative to appeals from the orders of Collectors and Commissioners. But it was found very difficult to say what this "usual manner" was. One system of appeals was prescribed by "The Bengal Survey Act, 1875," and another by "The Bengal Irrigation Act, 1876," and various provisions on the subject of appeals were also introduced in "The Agrarian Disputes' Act," "The Land Registration Act," and "The Estates' Partition Act." The Committee had therefore thought it necessary to specify in the Bill the periods within which appeals under this Bill should be brought.

With regard to the separate report signed by one member of the Committee, recommending the amalgamation of Chapters II and III of the Bill, he might say that the subject was considered in Select Committee, but it was the opinion of the majority that it would be better to adhere to the arrangement of the existing law. At present the administration of the abkaree revenue was regulated in Calcutta mainly by Act XI of 1849, and in the mofussil mainly by Act XXI of 1856, and the substance of those two Acts was reproduced in Chapters II and III of the Bill. The Committee had considered the propriety of recasting the Bill, but they found it impossible to avoid the necessity of having a separate chapter for the provisions relating to Calcutta, and they found it, on the whole, better to maintain the arrangement as it stood in the Bill.

With these remarks he begged to move that the report of the Select Committee be taken into consideration, in order to the settlement of the clauses of the Bill.

The motion was agreed to.

The Hon'ble Mr. Reynolds also moved that the clauses of the Bill be considered for settlement in the form recommended by the Select Committee.

The motion was agreed to.

The Hon'ble Mr. Reynolds moved the addition of the following proviso to section 8:—

"Provided, also, that nothing contained in this section shall apply to the sale of any spirituous liquors, wines, or beer purchased by any person for his private use, and so disposed of upon such person quitting Calcutta or after his decease."

This proviso, which had been introduced into the third Chapter of the Bill, was by some oversight not introduced in the corresponding section of the second Chapter.

The motion was agreed to.

The Hon'ble Mr. Reynolds moved that the following section be substituted for section 34:—

"All fines leviable under this Chapter shall be adjudged by any Justice of the Peace for the town of Calcutta upon information exhibited before such Justice by order of the Collector, or shall be adjudged by a Magistrate of Police, if the case is tried by such Magistrate under section 26; and in default of payment of any fine to which an offender is adjudged, he shall be liable, by order of such Justice or Magistrate, to imprisonment in the common jail; and no proceedings shall be taken under this section by any such Justice or Magistrate after the expiration of three calendar months from the date of the offence by which the fine was incurred."

Section 34 was section 36 of the Bill as originally drafted. It contained a provision that a Justice of the Peace, "on an information laid before him by order of the Collector, shall forthwith summen the parties accused, and upon their appearance or default shall examine into the matter, and upon due proof made thereof, by the voluntary confession of the parties, or by the oath or affirmation, in cases wherein an affirmation is receivable by law instead of an oath, of one or more credible witness or witnesses, shall give judgment accordingly." It had been brought to his notice that since the passing of the Oaths' Act of 1873 it had been usual to repeal or omit words relating to oaths and affirmations as unnecessary, and he accordingly proposed the substitution of this amended section for the section as it originally stood.

The Hon'ble Baboo Kristodas I'al remarked that the procedure prescribed by the original section was omitted from the section now proposed. It was true, as pointed out by the hon'ble mover, that the Oaths' Act rendered unnecessary the clause relating to oaths and affirmations, but the effect of the amendment was the omission of the procedure, which might lead to misunderstanding and mistake. He believed it was usual in cases of this kind to make a reference to the general procedure law, and he would ask whether it would not be desirable to insert some words in the section to the effect that all cases under this Bill should be tried by Magistrates under the Criminal Procedure Code.

The Advocate-General observed that if the Magistrate was not directed to follow any particular procedure, he would follow his own procedure.

The Hon'ble Mr. Reynolds said, as these were criminal proceedings, there was no reason, he thought, to prescribe any special procedure, as the deciding officer would be governed by the ordinary procedure in criminal cases.

The motion was agreed to.

Section 51 empowered the Board of Revenue to prescribe rules for distilleries.

The Hon'ble Mr. Reynolds moved the insertion of the words "with the sanction of the Lieutenant-Governor, subject to the confirmation of the Governor-Goneral in Council," after the word "may" in the first line. It appeared necessary to provide for the action of the Local Government in the matter, but he believed that rules of this kind ought to be subject to the confirmation of the Supreme Government.

The motion was agreed to.

A similar amendment was made in section 52.

The Hon'ble Mr. Reynolds said that in section 83, as it stood, no provision was made for the award of imprisonment in default of payment of fine, and it appeared necessary that such provision should be made. He therefore moved the insertion of the words—

"and in default of payment of any fine to which an offender is adjudged he shall be liable, by order of such Magistrate, to imprisonment," after the word "officer" in line 7.

The motion was agreed to.

The Hon'ble Mr. Reynolds said, section 86 provided that any person who should be imprisoned on account of the non-payment of fine, if the offence of which he had been convicted was one with respect to which the information of the Collector or an abkaree officer was required by section 83, might be confined either in the civil or criminal jail. But it did not provide what the nature of the imprisonment should be if the offence was of any other kind. There seemed to be no occasion for prescribing any special kind of imprisonment for these particular offences; he therefore proposed to omit the words—

"if the offence of which he has been convicted be one with respect to which the information of the Collector or an abkaree officer is required by section 83," so as to leave a discretion in all cases to direct the imprisonment to be either in the civil or criminal jail.

The motion was agreed to.

In section 87 an amendment was made similar to that in section 51.

Section 88 provided that all fines levied, "the disposal of which is not provided for, shall belong to the Local Government." It seemed expedient to omit those words, as the excise revenue was not a part of the receipts of the Local Government, but belonged to the general revenues." He therefore proposed to substitute for this section what was a reproduction of the second part of the section as it stood in the Bill:—

"The Board may appropriate any portion, not exceeding one half, of the finos levied under this chapter, the disposal of which is not specially provided for, for rewarding informers, or for compensating persons subjected to annoyance or injury by any proceedings under this chapter."

The motion was agreed to.

In sections 91 and 101 amendments were made similar to that made in section 51.

The Hon'ble Mr. Reynolds said that the last amendment which he had to move was the substitution of the word "excise" for "abkaree" throughout the Bill. It appeared to be an accepted rule in modern legislation that English words should be used in the phraseology of our laws instead of vernacular terms. Where the old regulations spoke of "zemindars" and "mahals," modern laws spoke of "proprietors" and "estates." In accordance with that rule, he proposed to substitute the word "excise" for "abkaree" in every place in which "abkaree" was used throughout the Bill.

The motion was agreed to.

The Council was adjourned until further notice.

CYCLONE AND STORM-WAVE IN BACKERGUNGE ON THE NIGHT OF THE 31st OCTOBER 1876.

FINANCIAL DEPARTMENT—INDUSTRY & SCIENCE—No. 655.

Calcutta, the 2nd March 1877.

From—H. J. S. Corron, Esq., Junior Secretary to the Government of Bengal, To—The Commissioner of Dacca.

- I am directed to acknowledge the receipt of your letter No. 291T, dated 17th February 1877, giving cover to a final report from the Collector of Backergunge on the cyclone and storm-wave of the night of the 31st October 1876, and a statement of the expenditure incurred in the district in the relief of distress.
- 2. Frequent reports have from time to time been received from the Collector and yourself, and the Government has thus been kept fully informed of the progress of events. Sir Richard Temple, moreover, visited the district very shortly after the cyclone, and in a Minute which has been published, dealt with all points requiring immediate orders and action. You have yourself accompanied the Collector on a tour among the most distressed villages, and have personally supervised the relief operations. It is very satisfactory to find that, terrible as the loss of human life has been, the Collector has, after careful enquiry, arrived at the conclusion that it is one-half of what it was at first estimated to be, and that, in the district of Backergunge, it was more likely to be 52,500 than 105,000 as originally supposed. The Lieutenant-Governor hopes that time will show that even this figure is excessive, and that persons will gradually return to the district who have left it in a panic after the great calamity by which their homes were overwhelmed, and who are still among the missing. The Lieutenant-Governor has been glad to learn from Mr. Barton personally that the stock of cattle in the district is gradually being renewed.
- 3. The thanks of Government have already been conveyed to you, to Mr. Barton, the Collector of the district, to Mr. Harris, the District Superintendent of Police, to the Deputy Collectors, Baboo Anundo Chunder Sen and Moulvie Tujjumul Ali, to Mr. Bertelson, the Assistant Superintendent of Police, and to the Reverend Mr. Kerry, for the vigorous and energetic manner in which difficulties were met and overcome. The names of other officers are now prominently brought to notice by Mr. Barton, and you especially mention Mr. Gupta, Joint-Magistrate of Patuakbalee, and Deputy Collectors, Baboo Koilash Chunder Sen and Moulvie Mufizudeen, as deserving of commendation. The Lieutenant-Governor takes this opportunity of again thanking Mr. Kerry and all the local officers concerned for their zealous devotion to the public service.
- 4. The actual total expenditure incurred in the district on account of relief measures appears, from the statements and vouchers submitted, to amount to Rs. 22,023-2-10. There must be added to this amount the sum of Rs. 3,622-0-7 expended by the Collector of Dacca for the purchase of necessaries sent to Backergunge immediately after the occurrence of the cyclone. On the other hand, a portion of the expenditure incurred, consisting of loans to landholders and recoverable advances to distressed people, is realizable, and this will reduce the total outlay of Government. The accounts have been carefully presented by Deputy Collector Baboo Okhoy Coomar Sen. The Lieutenant-Governor agrees with you in thinking that, in view of the suddenness and extent of the calamity, and the necessity that existed for adopting immediate measures of relief, the expenditure is moderate. Independently of the above account, a sum of Rs. 12,718 has been subscribed from private sources to afford charitable relief in Backergunge. For this the people of the district are mainly indebted to the liberality of Nawab Abdool Ghani Bahadoor, c.s.t., who has considerable estates in Backergunge, and to the Maharanee Surnomovee of Cossimbazar. The expenditure which has been incurred is sanctioned.
- 5. The Collector proposes, and you support his recommendation, that a gratuity should be allowed to some of the ministerial officers of the Collectorate who were specially employed on relief duty in the interior of the district. The Lieutenant-Governor is pleased to sanction the gratuities on the scale proposed by the Collector in the 40th paragraph of his letter.

- Mr. Eden is glad to be able to feel assured that, notwithstanding the disastrous columities that have befallen the Backergunge district—the sudden storm and inundation having been succeeded by a most calamitous visitation of cholera and other disease—the authorities have been everywhere on the alert, and, as far as possible, have alleviated distress and made the necessary arrangements for the relief of sickness. Recent accounts show that cholera has now abated, but, as you have been informed under separate orders, the Government will await from you a special report regarding the progress and treatment of this epidemic. In the mean time, it is satisfactory to know that the country is at length comparatively free from disease; that the people have returned to their customary avocations; and that trade and commerce, as is usual at this period of the year in Backergunge, are brisk, and that the resources of the district have, in spite of the strain to which they have been subjected, proved equal to supplying their quota of surplus produce to meet the domand for food-grains in the distressed districts of the Southern Presidencies. returns of the registration of internal trade show that the exportation of rice from Backergunge was 1,80,459 maunds in November last, 3,57,114 maund in December, and 7,12,952 maunds in January. These figures are fully equal to those of the average export at this season of the year.
- 7. On the occasion of Mr. Barton's visit to Calcutta to communicate with Mr. Eden on the condition of the district, he was authorized to permit, in certain cases, a postponement of the collection of the Government revenue. The Lieutenant-Governor will be glad to know what has been done in this direction.

No. 291T, dated Camp, Doorgapore, the 17th February 1877.

From—F. B. Peacock, Esq., Offg. Commissioner of the Dacea Division, To—The Secretary to the Government of Bengal, Financial Department.

With reference to your letter No. 3669, dated 20th November last, calling for a statement of all the additional and unforescen expenditure that has been incurred in the districts of this division in affording relief and remedying the effects of the disaster caused by the cyclone of 31st October, I have the honor to submit in original a report from the Collector of Backergunge, No 1319, dated 6th instant, with a statement and vouchers showing the total sum spent in the relief of distress in his district.

- 2. Mr. Barton has given many details in connection with this terrible calamity, and has entered fully into all the measures for relief which he thought necessary to adopt, though these have previously been brought to the notice of Government. His object is that one complete report on the whole subject may be available, in order that the necessity of referring to a number of separate letters may be obviated.
- 3. The Lieutenant-Governor will perceive from paragraph 37 and the statement annexed to the report that the sum of Rs. 34,111-3-6 was first and last withdrawn from the Government treasuries; that of this sum Rs. 12,088-0-8 have been recovered, owing to refunds and to sums realized by the sale of surplus stocks of provisions of various kinds, and that the total actual expenditure incurred has thus amounted to Rs. 22,023-2-10. I trust that when the suddenness of the calamity, the necessity which the Collector felt of adopting immediate measures for the relief of the people, and the fact that no less than 127,620 persons were relieved are taken into consideration, this expenditure will not be considered unreasonable or excessive. It is a matter of great difficulty, in all measures of relief, to prevent persons who do not require it from receiving assistance; but in the present instance, notwithstanding the magnitude of the catastrophe, and the impossibility at the commencement of stopping to make inquiries, I think that very little relief, was afforded that was not actually and urgently required. On this point Mr. Barton's orders were positive and distinct, and I believe in the main they were implicitly carried out by his subordinates. I may add here that the orders of Government, as contained in your letter No. 226, dated 23rd ultimo, regarding the disposal of the Rs. 12,718 privately subscribed to the relief fund, have been duly communicated to the Collector, who is thus aware that this sum is not to go towards recouping Government the expense it has incurred.

4. The officers mentioned in the first part of paragraph 38 have already had communicated to them through me the Government's approciation of their services, and I have now to bring to the favourable notice of the Lieutenant-Governor the names of those others who, throughout the relief operations, discharged with judgment and energy the duties they were called upon to perform. I would especially mention Mr. Gupta, Baboo Kailas Chandra Sen, and Moulvie Mafizuddin as deserving of commendation.

5. I would beg to recommend that the ministerial officers mentioned in paragraph 40 may be allowed the gratuities which the Collector there proposes. It is true that, as Government servants, they were bound to go where they were ordered, and to do what they were told to do. It is true also that their actual expenses have been paid, so that they have been put to no pecuniary loss by being employed outside the pale of their ordinary duties. The work, however, they were called upon to perform was not only responsible and important, but it also involved much personal inconvenience and some hardship. All this was cheerfully submitted to and the work satisfactorily performed. think therefore they are entitled to some reward.

6 I beg further to call attention to the favourable mention made by the Collector of Deputy Collector Baboo Akhoy Cumar Sen, and trust that the manner in which he has prepared and submitted the accounts may be consi-

dered worthy of praise.

tion and elucidation of these accounts.

7. It was not found necessary to spend any Government money on relief in either Tipperah or Furreedpore, the only other districts in the division where the cyclone was felt with any severity.

8. The return of the original enclosures when no longer required is

requested.

No. 1319, dated Burrisal, the 6th February 1877.

From—E. J. Barton, Esq., Offg. Collector of Backergunge, To—The Offg. Commissioner of the Dacca Division.

I HAVE the honor to submit herewith my final accounts of the expenditure incurred in this district in the relief of the distress occasioned by the cyclone of the 31st October last, and the storm-waves which accompanied it. I beg that it may be carefully noticed that herewith also is sent all vouchers and other documents which are necessary for the verifica-

2. I am afraid that this final report may be considered long and prolix; still, as the subject is one of the utmost importance, as it has attracted very great attention, as it deals with a human calamity of the very first magnitude, and as it has involved the expenditure of a considerable sum of Góvernment money, I propose, with your permission, to avail myself of this opportunity to recapitulate here, as briefly as possible, a statement of the position in which we were placed, and of the various measures of relief which were undertaken by me to alleviate the distress caused by the terrible and probably unprecedented disaster, and which from time to time were reported to you for approval and sanction. 1 think the subject, involving as it does a considerable expenditure of Government money, must be treated with what no doubt is a tedious minuteness. As I am most anxious to

account satisfactorily for every pice which was spent by me, I hope this tediousness and minuteness will be excused.

3. The cyclone was preceded by foul weather for two whole days. Both on the 30th and 31st October the sky was overcast with dull leaden clouds, and showers of drizzling rain fell at short intervals. But it was not until the afternoon of the 31st that the prognostications of a great storm became evident. At 3 r.m. of that day (31st) a brisk breeze, no storm became evident. At 3 r.m. of that day (31st) a brisk breeze, accompanied by rain, sprang up from the north, which gradually increased till 11 p.m., when it developed into a strong gale. At 11 p.m. the storm proper began, and raged with great violence till about 4-30 A. M., when it began to subside. Between 11 p.m. and 4-30 A.M. the wind veered from north to north-east, to east, to east-south-east, and then back again to north. The gusts between 3 and 4 A.M. were of exceeding violence and strength. The

storm was throughout accompanied by rain.

٠٠.	Names of the	nns.	Population.	Remarks.
3 4 5 6	Rarhanaddi Backergunge Howlat Howlathan Gulashali Golashipa Mandigunge	:	99,227 144,661 119,193 121,810 97,769 138,809	Whole affected A part. Mouth. Whole. A part. Whole. A part.

The cyclone-hurricane swept over the whole district and did not leave a single village or corner untouched. The storm-waves which caused the most terrible destruction to human life, cattle, crops, houses, and property of all kinds, affected not the whole, but a portion of the district, viz. the eastern part, but that unfortunately was most densely peopled by a wellto-do peasantry, who lived upon a most fertile soil. The thanas affected by the storm-waves with the population of each, I give in the margin

- 5. At the sudder station there was no loss of human life in consequence of the cyclone, but the damage done to houses and to moveable property was very great. Over 90 per cont. of all the native huts and mat and thatched houses were levelled with the ground. The police hospital and the sudder distillery were blown down completely. The north and south walls of the racquet-court, built of brick masonry, were blown down bodily. Large masses of plaster were peeled off the walls of the pucks masonry buildings. thatched Government buildings were unroofed, and in the jail the storm wrenched off and broke open numbers of doors and windows, and laid flat with the ground all the thatched workshops. The destruction of timber and fruit trees of all kinds was also very great.
- 6. In reporting to you on the 1st November the effects of this terrible hurricano at the sudder station. I stated that, "had the hurricane come from the south instead of from the north, it would have brought with it from the Bay a storm-wave to the destructiveness of which, as regards human beings, cattle, crops, and property of all kinds, the loss inflicted by the wind would have been as nothing." Before 24 hours had expired my worst anticipations were more than realized. On the morning of the 2nd November, Peputy Collector Moulvie Synd Tujjummul Ally returned from Government estate Chur Fannua Baher Chur, which lies to the north-east of Burrisaul, in the thana of Mendigunge, where he had been on settlement duty, and reported to me that a storm-wave had overtaken that island on the night of the 31st October, that the waters had risen nine feet above the level of the island, and that he had saved his life with very great difficulty.
- 7. From the Moulvie's description of the disaster which overtook the island of Fannua Baher Chur on the night of the 31st October, it became at once clear to me that a far more deadly and destructive wave must have overtaken the thank of Golachipa, the eastern coast of Bowfal thana, a portion of the Gulsakhali thana, the eastern and western coasts of the sub-division of Dukhin Shabaxpore, and particularly the islands of Badura, Manpura, and the other islands lying near the Bay. I felt almost certain that portions of the thanas of Backergunge and Mendigunge had also been swept by these destructive waves, and I was also most strongly convinced that the survivors of that destructive wave in these exposed and extensive tracts must have lost their houses, their cattle, their stores of grain, their movemble property, and generally their immediate means of subsistence, and that they must therefore have been plunged instantaneously into the direct distress from want of food, clothing, houseshelter, and the other necessaries of life. I felt most strongly convinced that, in order to save the lives of those who had survived this terrible disaster, it was of the utmost importance to organize at once, and without a moment's preventible delay, such measures of relief as the utmost means at my command enabled me to carry out. From previous experience, I knew that relief in emergent cases of this kind, to be of any use, must be immediate. There is no telegraph at this remote station, and a letter to Dacca or Calcutta, and its reply, requires at least six or seven days. I therefore, on my own responsibility, initiated at the very hour when the Deputy Collector brought me his report so full of causes for appropriate the following the Deputy Collector brought me his report, so full of causes for apprehension, the following small mousures of relief:-
 - (a)--Deputy Collector Moulvie Tujjummul Ally was deputed to thanas Mendigunge and Backergunge with rice valued at Rs. 100, dal valued at Rs. 20, and Rs. 150
 - (b.)—Deputy Collector Moulvio Masizuddin was sent to the island of Mappura (lying near the Bay) with nice to the value of Rs. 100, dal to the value of Rs. 20, and
 - (c.)—Deputy Collector Baboo Trailakya Nath Sen was ordered to Golachipa with rice werth Rs. 50, dal worth Rs. 10, and Rs. 200 in cash.
 - (d.) Deputy Collector Baboo Jadunath Choudhury was sent to than Bowfal with
 - (d.)—Deputy Collector Badoo saguings of Statistics, and Rs. 150 in cash.

 (c.)—Mr. Harris, District Superintendent of Police, was placed in charge of all relief works in the sub-division of Dukhin Shabazpore, and was allowed Rs. 150 rice, Rs. 10 worth of dâl, and Rs. 300 in cash. This was a very important post, and Mr. Ilarris was specially selected by me to fill it.

All these officers had strict instructions to give money and food only in cases of absolute and emergent necessity.

- 8. Information was received on the same day (2nd November) from the sub-division of Patuakhali that a terrible cyclone had raged there on the night of the 31st October; that its fury, to a greater or less degree, had continued throughout the night; that there was not a single but standing; and that all the offices, including the sub-divisional residence, had been lovelled with the ground.
- On the following morning (3rd November) news arrived from Dowlutkhan that a great storm-wave, or rather a succession of waves of great volume and height, had been brought up by the hurricane of the 31st October, and had entirely overwhelmed the subdivision, causing great destruction of human lives, cattle, houses, crops, and property of all kinds. This is an island sub-division, every part of which I knew, of great fertility, and inhabited (as shown by the census of 1872) by 221,037 people. The ryots were without doubt, before this fearful visitation, the wealthiest in Bengal. The statements of Dironath Sarcar, Police Sub-Inspector of station Dowlutkhan, and of other who had escaped from the statements of the contest of the terrible catastrophe were taken down, and revealed the huge and fearful proportions of the cumity. It was clear from these depositions, copies of which were sent by me at the time.

that the unfortunate survivors, to save whom it was our chief care, had been reduced to the greatest distress and privation. It was of the utmost importance to send down at once further relief to the sub-division.

- 10. Accordingly the following relief measures were, in anticipation of your sanction (which has since been received), instituted on that day (the 3rd November), viz
 - The Revd. Mr. George Kerry, one of the Baptist Missionaries at this place, who most kindly volunteered his services at a time when I was greatly perplexed for men, was deputed by me to Dowlutkhan, with an advance of Rs. 500,

which he was to spend in food, clothing, and other means of relief.

(ii) Relief centres were established at the following six central places in the subdivision, to all of which supplies in the shape of food, clothing, money, and other necessaries were sent, viz.-

Bhola, under the charge of Baboo Bauga Chandra Chatterjes.

Ganeshpura, under the charge of Moonshee Ohiduddin, a clerk of my office. Dowlutkhan to be officered by Mr. Harris as he thinks fit. (b.)

(d.)Tasumaddi, under the charge of Baboo Parbatty Charan Gupta, a mohurir of my office.

Barhanuddin, under the charge of Kali Mohan Das, mohurir.

- Taltalah, under the charge of Baboo Ambica Charan Ray, registration head clerk.
- (iii) Baboo Kailas Chandra Sen, Deputy Inspector of Schools, was deputed to give relief to the people of the island of Badura, in the sub-division of Dukhin He was in charge (under Mr. Harris) of all the relief operations Shabaznore. in this island.
- (iv) Mr. E. M. DeSilva, local overseer, was sent to Dowlutkhan, to work under the orders of Mr. Harris. Overseer Ramjan Ally was ordered to Golachipa to work under Buboo Trailakya Nath Sen, Deputy Collector, and another overseer was deputed to Manpura to help Deputy Magistrate Moulvie Mafiguddin.

Two native doctors were sent to Dowlutkhan with a sufficient supply of (A) medicines

My mohurir, Srinath Sen, was sent down to Nalchitti with an advance of Rs. 400 to purchase rice. He had orders to send half the quantity of rice bought to Dowlutkhan, and to proceed with the other half to l'atuakhali, and (vi) there to place himself under the orders of Mr. Gupta, the sub-divisional officer.

(vii) In view of the severe distress occasioned by the cyclone in the sub-division of Patuakhali, Mr. Gupta, the sub-divisional officer, was authorized to spend up to Rs. 1,000 in relief.

(viii) As there was great difficulty in getting boats at Burrisaul, orders were sent into the interior to hire and forward 50 boats for relief work.

- While I was thus engaged in organizing relief measures and sending down food to the afflicted parts, the rice-dealers at Burrisaul formed a combination to raise prices and get as much profit out of the calamity as they could. Accordingly, rice which sold at less than Rs. 2 a maund on the morning of the 30th October began on the 3rd November to sell at more than, Rs. 2-8 a maund. Not satisfied even with this rise in the price, the dealers began to demand Rs. 2-12. I was therefore obliged to depute trustworthy officers to the two great marts of rice trade in this district—vis. Nalchitti and Shahebgunge. Baboo Kailash Chandra Ganguly, the collectorare peshkar, and Baboo Sridhar Sen, the fausdari record-keeper, were accordingly deputed to Shahebgunge, and Baboo Tarine haran Sen, inspector of police, was ordered to Nalchitti to make purchases. Baboo Banamali Ray, the rural sub-registrar of Nalchitti, also made purchases for me in that place.
- 12. Fresh news of the great disaster now poured in almost hourly from all the afflicted parts of the district. On the morning of the 4th November I received a letter from Mr. DeSilva, the rural sub-registrar of deeds of Bowfal, reporting that a terrible cyclone had passed over the Bowfal thana on the right of the 31st October, bringing up with it a rest wave of immense volume and height; that the waters had risen from 15 to 18 feet high; that all the cutcha houses had been washed away; and that a very large number of people and cattle had perished by drowning. Mr. DeSilva himseslf saved his life with very great difficulty.
- 13. On the same day (4th November) I received an official report from Baboo Umacharan Banerjea, the then sub-divisional officer of Dowlutkhan, about the cyclone and the storm-waves in that sub-division. His report confirmed my worst fears. A few extracts from his report may not be uninteresting. He says—"The gale began a little after dusk, accompanied with slight rains. Blowing harder and the wind became very furious to the right and at 11 the viver borne to vice with the incoming tide. Within any at 10 in the night, and at 11 the rivers began to rise with the in-coming tide. Within an hour the storm-wave arrived and swallowed up, as it were, the whole island. The subdivisional building was pulled down, and the walls and thatches were shattered to pieces. The water rose more than 30 feet high, and the whole population of the Dowlutkhan union was partly drowned on the spot and partly carried away to some distance. My children and grand-children and several other members of my family, numbering 12 persons, died by drowning. I was carried away insensible for more than half a mile from the head-quarters, and so was my wife. How I was carried away, or how I was afterwards saved, is

more than I can say. Nor can my wife say how she was saved. On the following morning I found on enquiry that the moonsiff, the sub-registrar, the post-master the cancongoe, the native doctor, the court sub-inspector, the abkari darogah with his family, several constables, head-constables, and several amlahs and pleaders, and several prisoners had all gone. Mr. Gasper, the semindar, had also died. There is now no vestige of a house or building at Dowlutkhan, nor is any rice, or dâl, or any other sort of food to be had there. The survivors of the calamity are reduced to the greatest distress for want of food and cloth. How many human beings, and how many heads of cattle, have perished is more than I can say at present; but I fully believe that in Dukhin Shabazpore and the neighbouring islands of Manpura, Ilsha, &c., more than 10,000 human lives, and more than 50,000 heads of cattle, have perished by drowning. As to the amount of property lost and damaged, I cannot offer even a guess. The sub-divisional cutcherry and residence, the school, the moonsiff's outcherry, the post-office, the police-station, the lock-up, the abkari distillery and office, the dispensary, the court sub-inspector's office, and all other Government and all private houses have entirely gone. My jewels, my cash, my furniture, my books, my clothes, my everything have entirely gone. Thousands of other people have suffered similar loss. All boats, whether large or small, and whether laden with cargo or not, lying in the khal on that day were entirely shattered to pieces and carried away nobody knows where. The eastern and southern parts of the island of Dukhin Shabaspore and the islands on the east and south have suffered most. Baxi Manji, Nyamatpore, Manikpore, Kristapore, Kakra, Manpura, Tazumaddi, Chandia, Taltoli. &c., &c., have suffered very serious loss."

- 14. More detailed news of the disaster in the sub-division of Patuakhali was now received. Mr. Gupta, the sub-divisional officer, wrote as follows:—"From the morning of the 31st it blew a pretty stiff gale from the north-east. At 7-30 pm. it veered to the north, and the wind also rose. The violence continued increasing till 1 or 2 pm., when the storm might be said to have reached its climax. From that time forth it fell but very slowly, and the sky did not quite clear up till next morning at 11 am. I had to leave my house at 11-30 pm. Some of the walls were gone, and the whole house then stooped a little to the south. The entcherry roofs were then falling. We first took shelter in a hut close to the wooden bridge, but shortly after it began to shake. As a last resource we ran to the temple, where we found some shelter in the verandah, but it was so exposed that the wind and rain made us thoroughly wet. In the meantime the lock-up buildings were blown down. The prisoners were first removed to the guard-house, but that too fell. The prisoners were then brought to the same verandah where we wore. The little temple was crowded, and had it not been for it, I do not know where we should have been. Government may perhaps see the necessity of building at least one pucks room for stumps and cash, and for shelter on occasions like these. The river rose several feet, swamping the bazar and the cow-houses. The stamps and records are not much damaged, but the registers are; some reams of plain paper have also been injured. The moonsiff's cutcherry is gone, as well as his house. The outpost and school are on the ground. The distillery is also a complete ruin. The new post-office is no better. There is not, as I said yesterday, a single hut standing. The accounts from the interior are equally sad. Hundreds of cuttle have died, and, as I write this, I see carcasses floating down the river. The damage to the crops is also very serious. All the plants which had sent forth ears are quite gone. Those which have not may yet recover
- 15. Further on, in the course of the same day (4th November), intimation was received from the court sub-inspector of Patuakhali that the storm-wave had passed over the Golachipa than and the outpost of Chaltabania; that the than and the outpost had been entirely washed away; and that thousands of human beings and cattle had died by drowning. It was reported that the sub-inspector, Mr Jackson, had lost his wife, sons, and servants, and that he had himself been saved with very great difficulty. The death was also reported of Inspector Gonesh Chandra Bose, Sub-Inspector Chandrakumar Ghose, Head Constable Mahim Chandra Mookerjee, and of the wife and daughter of Head Constable Parbatty Charan Gupta.
- 16. My position was difficult and critical. It was now quite clear that a terrible cyclone of almost unprecedented destructiveness had passed over the whole of the district, especially over its eastern and southern portions; that a gigantic storm-wave had accompanied the cyclone, sweeping clean the island of Dukhin Shabaspore and the neighbouring islands of Manpura, Ilsha, Kukra, Badura, and the thanas of blowfal and Golachipa in the sub-division of l'atuakhali, utterly destroying the dwellings of the people, nearly all their plough-cattle, and a large portion of the population; and that the survivors of the calamity had been plunged into a condition of almost complete ruin and destruction. It also seemed evident to me that, in order to save the wretched and utterly impoverished survivors, relief to a considerable extent—larger at all events than the extent to which we had hitherto confined ourselves—would have to be given. I felt strongly that relief, to be of any use to the people, must be speedy and immediate. One of my difficulties was that I was in an out-of-theway district, without any means of speedy communication either with you or with the Government. I saw that to wait for the formal sanction of any measure that was necessary to save life would, in all human probability, end in the destruction of those whom we wished to save Under these circumstances, the only course open to me in my isolated position was to adopt the necessary relief measures on my own responsibility. In doing so, I was convinced that, in the presence of the huge calamity which had overwhelmed or ruined hundreds of thousands of the unfortunate inhabitants of this once singularly prosperous

district, all reasonable action on my part in the direction of relief would be approved by the Government, and in this conviction, as you are aware, I have not been disappointed. I all along had no doubt that, in emergent exigencies of the terrible visitation, there would, by the Government of Bengal, be declared to be a sufficient justification for my spending public money without previous Government sanction. My action in this respect has since received the sanction and approbation of the Government.

- 17. An extract from the report of an officer who was early deputed on relief work may here be cited to show how great was the emergency, and into how terrible a condition of privation the populations of the afflicted tracts had been plunged by the destructive and merciless waves. On the morning of the 5th November I received a report from Mr. Harris, the District Superintendent of Police, containing a most harrowing account of the distress in the sub-division of Dowlutkhan Mr. Harris "passed a very large number of corpses and carcasses floating in the Ilsha river, as well as lying on both sides of the island." He also met several boat-loads of people who had been washed out of their houses from villages all over the island, and who were in great distress for want of food and elothing. At Dowlutkhan he found that the sub-divisional buildings, the police-station, lock-up, distillery, bazar, and adjacent houses in the municipality had been clean swept away by the storm-wave. Corpses and carcasses were lying about everywhere. With the exception of one tank near the ruins of the sub-divisional buildings, every other drinking-water tank was more or less full of rotten carcasses, and the stench arising from the decomposed corpses all around was perfectly unbearable. There was no rice or food of any kind available at Dowlutkhan.
- 18. Numerous similer accounts of disaster and destruction throughout the sub-division of Dukhin Shabazpore, and the thanas of Bowfal and Golachipa in the sub-division of Patuakhali, were received. The need of further and immediate relief was also unquestionable. Accordingly, on the same day (5th November) further relief and relieving officers were sent to the following places:—

Names of Relief Officers. Names of Relief Centres. ... Malammad Haphiz. 1. Manpura ... Baboo Srinath Datta. Gazipura Mr. Alexander and Bahoo Raj Mohun Sen. I)owlutkhan ... Baboo Madhu Sudan Sarcar, Sub-Inspector 4. Tazumaddi of Schools. Bahoo Nava Kumar Das, Road-cess Clerk. 5. Balura . . . Kali Kisor Ghosh. Bhuta 6. ••• Kali Kumar Banerjea, Mohurir. 7. Taltoli Mahes Chandra Mukorji. 8. Barhanaddi ... Gris Chandra Mazumdar, School-master. Bowful Isan chandra Das, Mohurir, and Moulvie Abdul Jalil, Registrar of Mahammadan 10. Golachipa Marriages.

Two native doctors, with a supply of medicine, were despatched to Patuakhali, and Baboo Madhab Chandra Chakravarti, sub-inspecting post-master, was deputed to Patuakhali to work in giving relief under the orders of Mr. Gupta, the sub-divisional officer.

19. The organization of measures for the relief of the distress had now been almost completed, and rice and other articles of food began to pour into the afflicted parts of the district in sufficiently large quantities from Nalchitti, Shahebgunge, and Burrisaul, and also from Dacca. The rural sub-registrar of deeds of Nalchitti despatched nearly 2,000 meands of rice, and a corresponding quantity of dâl, salt, oil, and other articles of food. My reshor, Baboo Kailas (handra Ganguli, and my record-keeper, Baboo Sri Dhar Sen, sont 1,200 maunds of rice, and a corresponding quantity of dâl, oil, and calt. Similarly, the supply from Burrisaul amounted to over 1,400 maunds of rice, and a corresponding quantity of dâl, &c. The relief officers everywhere set to work with a seal and carnestness which cannot be too sufficiently praised. Rice, dâl, salt, oil, cloth, &c, were freely distributed among the distressed people, yet not indiscriminately. While the really needy persons were sufficiently relieved, those who had the means to buy the necessaries of life had no gratuitous relief given to them. The relief officers, especially Baboo Kailas Chandra Sen, Deputy Inspector of Schools, and Moulvie Abdul Jalil, Registrar of Muhammadan Marriages, while giving gratuitous relief to those deprived of their all in this world, sold at cost price rice, salt, dâl, and oil to those who had the means to purchase them, but had nothing in the local markets to buy. The accounts received from all the wave-stricten tructs were very distressing. Each successive mail brought sad and sadder intelligence of the irreparable ruin and destruction caused by the waves. With your permission I shall give here a few extracts from these reports. The Revd. Mr. George Kerry, in a demi-official from Tazumaddi, dated the 7th November, wrote as follows:—"Accompanied by Mr. Alexander. I reached this place this morning. I went a considerable distance below the khal—in fact nearly to the sea—and launched for an hour while waiting for the return of the tide, and

"Here things are somewhat better than I expected, yet they seem as bad as possible; but a great deal has been done to clear the immediate neighbourhood of dead bodies, so that it is

possible to stay without the sense of sickness from bad smells.

"The people are living on rotten rice which they collect from the ruins of their houses. But there is no salt, and this they are most eager to get. This I have found all along the thing about which they are most anxious. It salt were for sale, I think it would be eagerly bought, for a large number of the people seem to have means, but there is nothing they can

"There has been some lawlessness here and pillaging, but I hope that will cease now.

A mahaian of the neighbourhood But a stronger police force is needed. A mahajan of the neighbourhood has a large quantity of rice in store, damaged of course; he has been afraid to bring it out for fear of its being taken by force. He had to give some away to pacify some hungry people."

Mr. Harris, under date the 7th November, wrote from Dowlutkhan as follows:

"The stench arising from the rotten corpses and carcasses all over the place is dreadful, and I should say highly provocative of sickness. Mr. Gilbert Benbow's corpse was pointed out to me. It was in a high state of decomposition, but nevertheless it was very clearly identified. From all accounts the surviving bad characters in the sub-division have of course taken advantage of the present calamity to commence committing all manner of depredations on the defenceless villages. The head constable lately in charge of the treasury and look-up was severely assaulted this morning in trying to put a stop to some looting in the bazar***.

"Regarding the loss of life in the sub-division, I am afraid I have greatly under-estimated the number of people drowned in the storm. I have taken pains to make enquiries on all sides from every one able to give information on the subject, and I have come to the conclusion that about one-sixth of the total population (221,037) in the sub-division has been swept away. The loss of life has been greatest on the east, south, and south-west of the sub-division. It is quite impossible to estimate the loss of cattle and buffaloes; but from personal observation and reports received from various quarters, I should say that about 90 per cent. of cattle and about 25 per cent. of buffuloes have died or been clean swept away.

"There is, as mentioned in my report of yesterday, no rice for sale here. Luckily a boat containing 150 maunds of salt was saved. The salt has been of very great service, as it has enabled those who cannot get any rice to cook the fruit inside and root of the plantain

Baboo Jadu Nath Choudhury, Deputy Collector, on the same date reported from Bowfal as follows:

"The villages bordering the Tatulia river are the worst parts of than Bowfal; nearly half the people are dead, and there is almost no house to be seen. One half of lakshibilas or the Agran crop, and two annas of the aman or Pous crop, have been damaged. I have travelled through most of the villages, but have not seen a single cattle in any one of them. All the cattle I think have died. The surviving people have suffered much for want of food after the cyclone. We are supplying only those with rice, dâl, and salt who are really in meed of food.

Wherever I go all the villagers come forward and say that they have nothing to eat. The water rose nearly 14 feet above the river in this part of the district.

"The villages bordering the Karpurkati river have also equally suffered. There is not

a single house to be seen in those villages.

"***The villages lying on the west side of the Dahma and Kalaiya rivers, from Kalaiya to Govindapur, have also suffered

Six annas of the population are dead, and all the houses are blown down.

The villages on the Tatulia river have suffered more are blown down. • The villages on the Tatulia river have suffered more than the rest of this thana, and I am sorry to say that the state of things in this part of the district cannot be described. The dead bodies of men and cattle are lying exposed everywhere, and it is difficult for men to go into or live in these villages for the terrible

Baboo Trailakya Nath Sen wrote from Golachipa-" As I proceeded along the khal I have named above, wherever I directed my eyes I saw nothing but the wrocks caused by the wave and the hurricane in blown down houses and dead bodies of men and cattle. I am told by the people who came to us for relief that in no family more than a half of its

told by the people who came to us for relief that in no family more than a half of its members is surviving, while in some all the members are dead, and in others solitary souls are surviving. In many cases only one-fourth or a half is living."

From Kajlakati the relief officers wrote—"The sight of these villages is horrible: numerous corpses and carcasses are floating by the sides of our boat, and a much larger number is scattered in the fields and the khals and the river. The villages look as if fire had been set to them. No sign of habitation is to be seen, except a few botelnut and coccanut trees.

The state of the villages of Baisarikati and Bamnikati, which are situated on the Satbaria river, is still more deplorable than that of Kajlakati itself.

The river rose here as high as eight or nine cubits above the surface of the land. With a few exceptions, there are no houses standing at Baisarikati and of the land. With a few exceptions, there are no houses standing at Baisarikati and Bamnikati.

20. Similar reports were received every day from all parts of the afflicted tracts, all full of harrowing accounts of the distress and destruction caused by the storm-waves. It would be idle and tedious to give extracts from all of them in this report.

21. It appeared to me from these accounts that further relief and more officers were needed, with a view to bring all the afflicted survivors who were in danger of death from this disaster within the range of relief. Accordingly, on the 10th November, a fresh batch of officers was sent to the following places:—

Names of Relief	Centres.		Names of Relief Officers.
Bowfal	•••	•••	Mr. James Pereira.
Golachipa	•••	•••	" C. J. DeSilva.
Dowlutkhan	. •••	•••	Baboo Mohini Mohan Basu, Sub- Inspector of Schools. , Opendro Nath Roy. ,, Grish Chandra Chakravarti,
Patuakhali	•••	•••	,, Opendro Nath Roy ,, Grish Chandra Chakravarti, Sub-Inspector of Schools.
Kajlakati	•••	•••	Sub-Inspector of Schools. , Brindavan Chandra Basu. , Kali Kanta Ghosh.
Badura	•••	•••	Hari Mohan Das.
Gazipura	•••	•••	,, Akhoy Kumar Newgy.

- 22. My arrangements were now completed. All the relief officers were now at the scene of their work, and the people were duly cared for and relieved. Itice and dâl were freely given to all who were in dire need, and who were reduced to extremes of distress. This relief was nowhere indiscriminately distributed among the people. Persons who had the means to buy rice and dâl received no gratuitous relief. In the first stage of our work food was sold to them at cost price; afterwards, when the local markets received supplies, the sale of our stocks was stopped. Even in the distribution of relief among the really distressed our officers exercised great discretion; for while sufficiently large quantities were given to prevent death by starvation, care was always taken not to do anything that might encourage idleness and pauperism.
- 23. But our relief was not confined to the tenantry only of the numerous Government estates in this district. The resident talookdars and haoladars were also cared for, though in their case the relief took a different shape from that in which it was ordinarily administered to the ryots. Instead of rice and dâl, those among them who applied for it had money advanced to them on their giving bonds and security for repayment. The amount advanced in this way has amounted to Rs. 2,150—a sum small indeed compared with the requirements of the superior holders of lands in those tracts. But relief under this head has not been closed, and semindars, talookdars, and others may yet obtain advances on applying for them.
- 24. At this time His Honor the Lieutenant-Governor of Bengal visited the island of Dukhin Shabaspore and portions of Bowfal thana, and satisfied himself, by personal inquiry on the spot, of the wretched condition to which the people had been reduced by the cyclone, of the great mortality occasioned by the storm-wave, and of the ruinous loss of property which had ensued. His Honor was pleased to sanction generally all that had hither-to been done by me, and to pass orders regulating the administration of relief in the future.
- 25. In the meantime, reports began to come from the superior relief officers stating that the people had partially recovered from the shock they had received, and that there was no more any fear of loss of life by starvation. In some places it was reported that the people had begun to reap their aghani crop; in others that they had begun to re-build their huts. Altogether the reports were hopeful, and showed that the tenantry of the district, who always had hitherto been prosperous, were able to support themselves without Government aid.
- 26. In the absence of any other European Magistrate at the sudder station to organize the necessary relief measures, or to keep them in working order, I had hitherto been compelled to stay at head-quarters and watch the progress of events. On the 12th November you were good enough to bring with you Mr. Currie, Joint-Magistrate of Dacca, who took charge of my current duties at the sudder station, and thus enabled me to go in your company apon a tour of inspection into the afflicted tracts. On the 12th November, after the Lieutenant-Governor had left the district, you and I set out upon a tour through the distressed localities. That which we witnessed did, as a general rule, prove the correctness of the reports received from time to time from the relief officers. Much to our surprise, and contrary to our expectations, we found upon the ground which had been swept by the waves a crop which we valued at from 4 to 14 annus according to the locality. As the harvest was near, it was this latter fact which satisfied us that the time had come for the cessation of relief. Accordingly, as a general rule, wherever we went we directed all the relief officers to stop, either at once or after some small interval of time, all further distribution of Government aid, and to proceed to the sudder station and render their accounts.
- 27. The emergent distress to which the people of the sub-division of Dewlutkhan, and of thanas Bowfal and Golachipa in the sub-division of Patuakhali, and of Backergunge and Mendigunge in the sudder sub-division, covering a total population of 821,557 souls, were reduced by the cyclone and the storm-waves, were relieved, as will be seen by the accompanying statements, at a total cost to Government of Rs. 22,023-2-10. It may

be asked, would there have been any loss of life had Government taken no steps to rolieve the distress? On this point I beg to quote the remarks of Mr. Gupta, the sub-divisional officer of Patuakhali:—"In Bowfal, the day after the cyclone, the poople assembled in large numbers, took possession of such of the golahs as were not quite gone, and divided the wet rice among themselves. The people were generally thriving and prosperous, supplies of all kinds were not far enough, and trade soon resumed its wonted course; but even here, for about a week after the disaster, the survivors were so panic-stricken and so overwhelmed with grief that all business was paralyzed and despair reigned supreme. The superior police officers had perished, and the few constables who were alive were perfectly helpless, and lawlessness, which usually succeeds such fearful convulsions of nature, prevailed to a certain extent; but the relief officers were promptly on the spet, and the moral effects of their presence cannot be over-estimated: they restored order, gave confidence to the lewildered, and helped materially to revive trude. Thus, even in Bowfal, we are not prepared to say that people would not have died of starvation if the relief officers had not by their presence inspired a feeling of scourity among traders, and indirectly contributed to the speedy arrival of supplies. These remarks," continues Mr Gupta, "apply with even greater force to the distressed parts of the mainland of Glolachipa, which are further removed from the supplying marts. But the case of the islands on the mouth of the Tatulia, which constitute the outpost of Chaltabania, was very different. These are separated from one another and from the supplying marts. But the case of the islands on the mouth of the Tatulia, which constitute the outpost of Chaltabania, was very different. These are separated from one another and from the mainland by large and dangerous rivers, or, I should say, arms of the sea. They have the energy and reason, and the loss of human life

28. These remarks apply with equal force to the islands of Manpura, Lalmohan, Badura, Kakra, and Ilsha in the sub-division of Dowlutkhan, and to the whole sub-division generally. The fury of the storm-wave was the greatest in these islands. They were swept clean of everything; the greater portion of the men, women, and children, and the cattle, the houses, and the trees were all swept away. A minority succeeded in saving their lives here, but found, on the morning after the storm, that the waves had left nothing for them to eat, cut off as they were from the island of Dukhin Shabaspore and from one another by large arms of the Bay; they found that their boats, their only means of communication with other places, were gone, and that there was no possibility left to them of obtaining a supply. Death stared them in the face, and they were only saved by the timely relief given them by Government.

29. *· * * * * * * *

30. I should add that the crop averages given in paragraph 26 above were chiefly confined to the coast and the high banks of rivers. They were taken, too, before the destructive gales of the 23rd and 24th November. The averages of crops, as subsequently ascertained, vary from one to four annas, with the exception of some few favoured bits, which may yield a crop of from six to eight annas.

- 31. In the mainland of Dukhin Shabazpore, where the superior police officers had been drowned and the zemindars' agents had disappeared, bands of lawless men began depredations and where about to render the sub-division a scene of anarchy. The timely appearance of the relief officers and the police destroyed the lawlessness and enabled trade to resume its course. Every hat thereafter began to revive. The richer among the survivors bought their necessaries, and the poorer received their supply from their relief officers. There can be no question that but for the relief given by Government, many of the survivors would have died, while the rest would have been reduced to extremes of privation.
- 52. Two Deputy Collectors were specially deputed by the Government to ascertain the loss of life and property caused by the cyclone and the storm-wave in the sub-divisions of Dowlutkhan and l'atuakhali. These officers have been hard at work, but their enquiries have not yet been completed, and it will be some time before they can complete them. I'ending their investigations, it is impossible to state even approximately the loss of life and property caused by the cyclone and the wave. The following is a précis of the information received up to date. As the cyclone passed with greater or less force over the entire district, all the cutcha houses were more or less affected. In the sub-divisions of Dowlutkhan and Patuakhali, the sub-divisional officers and the relief officers are unanimously of opinion that over 95 per cent. of the houses were entirely blown down. In the sudder sub-division the effects of the cyclone upon the outcha houses were unequal in different thanas. In the thanas of Kotwali, Mendigunge, and Backergunge nearly 75 per cent. of the houses were blown down, while the loss in Jhalakhati and Nalchitti thanas has not been over 50 per cent. In the sub-division of Perozepore the loss is computed at 30 per cent. A census will be taken of the wave-stricken tracts on the 26th February, which will give fairly confect figures. In the meantime I do not think it necessary to proceed further with merely conjectural figures.

33. In his Minute of the 21st November last, published at pages 1301-1307 of the Calcutta Gazette, His Monor the Lieutenant-Governor of Bongal estimates the loss of human life by drowning and otherwise in these sub-divisions at 105,000, viz.—

In Dukhin Shabazpore In thana Bowfal Ditto Golschipa	•••	70,000 15,000 20,000	out of a population of ditto	221,000 118,000 98,000
Total	···	105,000	ditto	 437,000

- 34. According to this estimate, the loss of life in Dukhin Shabaspore was at the rate of nearly 32 per cent., in thank Bowfal nearly 13 per cent., and in Golachipa nearly 20 per cent. Of course His Honor the Lieutenant-Governor could not at the time of his visit have sufficiently accurate statistics to work upon. His percentages seem to have been taken in those villages where the mortality was abnormally great—those in fact which His Honor visited. I think, after such inquiries as I have been able to make up to date, that the mortality in those tracts has been over-estimated. My grounds are as follow:—
 - (a)—The whole sub-division of Dukhin Shabappore was certainly overwhelmed by the wave, but it is now known that the wave did not in its most deadly character extend its ravages into the interior of the island. In Chur Joynagar and other places in the interior of the island there has been little or no loss of human life. The great have committed by the storm-wave was confined to the borders of the great rivers and about five miles inland, measuring from the margins of their banks. The rest of the island was not touched with very great severity. The approaching census will disclose the loss of life with (I hope) a fair amount of accuracy. So far as my present inquiries go, I think it would be more accurate to put the average mortulity at 16 per cent. In this estimate my opinion is borne out by Mr. Harris, the District Superintendent of Police, and Mr. Datta, the sub-divisional officer.
 - (b)—In the sub-division of l'atuakhali, the places most exposed to the wave were the thanas of Bowfal, Golashipa, and Gulsakhali. But none of these was entirely overwhelmed. Mr. Gupta states that all the island churs in these thanas lying in the Megna, and only the tract of land extending from Kalya in the north to the sea on the south, and five miles in breadth, was exposed to the ravages of the storm-wave. The population of these parts is not so large. As this tract of land is only about a fourth of the total area of these thanas, the population exposed to the ravages of the storm-wave was not probably more than 70,000 people: of this, he thinks, not more than 25 per cent. perished by drowning, or about 17,500. I am therefore inclined to believe that the total number of deaths is—

In Dukhin Shabazpore In Patuakhali	•••	•••	•••		35,000 17,500
In the whole district	۸.	•••	•••	•••	52,500

- 35. It is impossible to state the number of the cattle which perished. But it is universally believed that, in the afflicted tracts, no less than 95 per cent. of the cows and bullocks and about 50 per cent of buffaloes have perished. The buffaloes are excellent swimmers, and there have been less deaths among them than among the cows, goats, and other cattle.
- 36. Moveable property of all kinds has been entirely washed away in the villages on the sea-coast, but it is impossible as yet to estimate the amount of loss thus suffered by the people. The loss has been immense.
- 37. The damage done to fruit and timber trees is very heavy. In the sub-division of Dowlutkhan the principal source of income of the people lay in their appari (betel-nut) and cocoanut trees. Throughout the whole sub-division the former have been either snapped in the middle, or laid prostrate with the ground. The relief officers are unanimously of opinion that the loss under this head is exceedingly heavy. The cocoanut trees fortunately have fared better, and the number of these destroyed is not so large; still it is universally apprehended that for somewars to come the outturn of these trees will not be so rich or valuable as in ordinary years.
- 38. The accompanying table will show the Government that the actual sum which has been expended upon the relief of no less than 127,620 people, who had been overwhelmed by one of the most fearful calamities recorded in the histories of modern times, does not amount to more than 18s 22,023-2-10. The sums withdrawn from the Government treasuries for the payment of all domands have amounted to Rs 34,111-3-6, and of this I recovered 18s. 12,088-0-8 in consequence of refunds and of very successful sales of surplus stores. The Government will further see that I have raised a sum of Rs. 12,718 to partially meet the distress thrust upon this district by the dire events of the night of the 31st October. I believe it is the intention of Government to give this latter sum away in alleviation of cases of extreme distress. If this is so, then the fearful calamity which has befallen this district will have cost the Government only Rs. 22,023-2-10; and if it is not so, and the subscriptions are taken in part repayment of what we have spent, the relief of the calamity will have

cost the Government only Rs. 9,305-2-10. Considering that the calamity overspread a population of about 700,000 souls, and was in itself of a gigantic description, I hope that the expenditure will be considered to have been reasonable.

39. In conclusion, it is my pleasing duty to bear testimony to the seal, earnestness, intelligence, and ability which the relief officers of all grades brought to bear in the discharge of the hard and responsible duties entrusted to them. Had it not been for their promptness and

Mr. H. N. Harria, the District Superintendent.
Deputy Collector Baboo Ananda Chandra Son.
Ditto Moulvie Tuijummul Ally.
Mr. Bertelson, the Assistant District Superinter
Revd. G. Kerry, Baptist Missionary.

energy, much that has been done would have remained undone, and a good many lives would have been lost, and most certainly imperilled. The valuable services rendered by the officers noted in the margin have already been recognised by His Honor the late Lieutenant-Gover-

nor of Bengal, and the thanks of Government have, under your orders, been communicated to them. It now remains for me to bring the services of the following officers to the prominent notice of yourself and the Government, as being characterized by great energy, discretion, and judgment. I consider that Mr. Gupta did very well indeed in the circumstances in which he was placed, and I shall be glad to see that his services have been submitted for the favourable consideration of the Government.

Mr. K. G. Gupta, Joint-Magistrate.

Baboo Trailakya Nath Sen, Deputy Collector - Ho did very well. Latterly he became sick, but he did very well.

Baboo Jadu Nath Choudhury, Deputy Collector.—He did very well.

Mouteie Mafizuddin, Deputy Collector.—He worked to my satisfaction.

Beboo Kailas Chandra Sen, Deputy Inspector of Schools.—He did very good work.

Of the subordinate relief officers, Baboo Madhav Chandra Chakravarti. Sub-Inspecting Post-master, Moulvie Abdul Jalil, Registrar of Mahammadan Marriages, and Mr. James Pereira, did good work.

At the sudder station very good services were rendered by Baboo Grish Chunder Sen, , fouzdari head clerk, Baboo Chandra Kumar Datta, Sub-Deputy Collector, Baboo Mohes Chandra Basu, special sub-registrar, and Baboo Gopal Chandra Ray, collectorate head olork.

40. I have further the honor to bring to your notice that of the many Government servants, clerks, and mohurirs deputed by me, in the great emergency, on relief work in the beginning of November last, the following officers named at the foot of this paragraph deserve that, in my opinion, their services should be specially rewarded. I think it will be admitted that, in view of the fearful calamity which plunged hundreds of thousands of the inhabitants of this district into absolute destitution, the relief cost to Government has been exceedingly reasonable. I am greatly indebted for this to the men whose names I give below. They have already received the actual expenses which they incurred in travelling from place to place, as also the pay of their permanent situations under Government; but I hope it will not be forgotten that they were upon an arduous duty, and some of them upon a most trustworthy duty. I therefore trust that the gratuities for which I recommend them may be awarded :-

Names of Government Officers employed on Relief Duty in the interior of the District.

104 - 174					
Names of Officers.	What is his permanent post under Govern- ment.	Statement of the special raliof duty on which he was deputed.	Number of days during which he was employ- ed in this special work.	Has he received his bond fide expouses while on special re- lief duty.	Amount of gratuity for which he is recommended.
		•			liu.
Raboo Kailas Chandra Ganguly	Collector's peshkar	To inquire into the state of Dowlutkhan find to purchase rice	14 days.		20
" Sridhar Sen	Record-keeper	at Shahebgunso. To purchase rice at Shahebgungo.	15 "	-	15 ,
" Fri Nath Sen	Mobusir	l'urchane of rice, &c.,	19 ,.		15
Kali Kumar Banerica	Ditto	Relat work	21 .	Yes.	15
issan Chandra Das	Ditto	Purchase of rice and		li i	
Your Various Day	. Though asses wheels	rulief work.	26 ,,	11 1	15
Nava Kumar Das	Road-com clerk	Reilef Work	19 • 18 •	l! !	18 15
Kali Mohan Chakravarti	I bidden	Totala	18 °u	[[l iš
Hammet & Hamman Carreto	Ditto	Ditto	19]]]	18
Oududin	Cullector's glock	Ditto	19 :	11 1) <u>15</u>
Ambika Charan Gubs	Mub-regr.'s	Ditto		i) i	l iš
Madan Mohan Patta	Mohurar	Prepared accounts	5 weeks.	Nil .	35
Turini haran bas	Hatwara ameen	Pitto	28 dars.	h (20
Kali ('haran ('houdhury		Ditto	23	Yes. }	20
Uilinya Charan Chakravarti	Ditto	Ditto	19) (20
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^{41.} In concluding this report, I beg to bring prominently to the attention of the Commissioner the services of Deputy Collector Baboo Akhoy Cumar Sen. Baboo Akhoy Cumar Sen being been known as a very efficient Deputy Collector, and it has been my duty to bring his name before this time into prominent notice. He has been in charge of the final winding up of relief accounts, and the condition in which he has submitted these will, I hope, show the excellent business abilities of this Government officer. His services on several occasions have merited my approbation.

Abstract Account of expenditure incurred in the relief of the distress caused in the District of Backergunge, East Bengal, by the cyclone and storm-wave of the 81st October 1876.

				Omentitus		Re-s	albr.		
Des	eription of a	rtiales be	ught.	Quantity originally bought.	Prico givon.	Quantity.	Prico.	Not amount expended upon relief.	Revares.
				Mds. R. C.	Ka. A. P.	Mds. S. C.	Ra. A. P.	Ra. A. P.	
1.	Rico	•••	•••	7.177 4 10	18,355 9 6	4,502 11 2	9,179 9 9	9.175 15 9	See vouchers marked A as per
2	DAT	•••	•••	60H 7 B	1,104 2 3	463 13 0	495 15 11	608 2 4	annoxed list. See vouchers marked B as per
3.	Halt	***	•••	144 6 14	1,440 9 6	148 5 6	008 7 6	813 2 0	annexed list. Her vouchers marked C as per
4.	OII		•••	115 4 0	1,250 2 0	87 5 15	535 13 11	714 4 1	annexed list. See vouchers marked D as per annexed list.
5.	Turmeric	··· ···	•••	7 38 0	54 10 9	3 2 8	17 4 0	37 6 9	See vouchers marked E as per
6.	Chilly			20 33 R	173 9 0	10 15 14	R# 0 7	91 8 5	annexed list. See youthers marked F as par annexed list.
7.	Chira		•••	36 13 8	190 11 6	5 23 4	16 7 9	174 3 9	See vouchers marked G as per annexed list.
8.	Tobacco		•••	11 28 8	139 9 6	36 3 14	25 4 0	114 5 6	sinexed hat. See vouchers marked H as per annexed list.
9.	Mulasses			10 6 12	39 3 6	2 35 4	7 14 3	24 5 3	Sec Youchers marked I as per annexed list.
10.	gaker (kar)		•••	4 26 12	36 5 U	0 39 К	4 5 6	31 15 6	Ses vouckers marked K as per autrexed list.
11.	(lunny-bags	· '		3,079 in No.	548 14 0	1,770 in No.	151 5 6	307 8 6	New vonchers marked I, as per nunexed list.
13,	Oil jars	•••		6 ditto	14 0 0	6 ditto.	4 14 0	9 2 0	fice vouchers marked M as per amexed list.
13.	Karthen-pol	n of all	kinds	521 ditto	45 10 3	115 ditto.	10 15 8	35 11 0	See vouchers marked N as per annexal list.
14.	Mate (hogis	and cha	Lu i)	901 ditto Mds. 8. C.	117 10 0	585 ditto. Mds. N. C.	17 15 6	30 10 6	See Youchers marked () as per annexed list.
15.	Jute ropes, è	kc	•••	0 27 14	7 10 3	0 2 0	080	778	See vouchers marked P as par annexed list.
14.	Stationery		•••		20 11 0		0 15 6	10 11 6	Son vouchers marked Q as per annexed list.
17.	Cloth				H00 3 0	34 pieces.	96 13 6	708 G G	See vouchers marked R as per annexed list.
16,	Medicus				29 10 6		*****	29 10 6	See youchers marked S as per annexed list.
19.	Kodalies, &c		•••	13 in No.	11 R O		•••••	11 8 0	See vouchers marked T as per annexed list.
20.	Саль рауше	ntato the	o lacent	*****	1,062 5 9			1,062 5 9	See vouchers marked V as per annexed list.
21.	Boat-hure			•••••	2,823 3 6			2,K\$3 8 6	See vouchers marked W as per annexed list.
4	Salarica	··· •••	'	······ ·	1,351 5 6		******	1,331 5 6	Bee vouchers marked X as per annexed list.
23.	Travelling a	llowance	··· ex	*****	800 14 0			886 14 0	See vouchers marked Y as per sumoxed list.
34.	Cost of ren			******	166 8 0		-01111	166 8 0	See vouchers marked Z as per sunexed list.
96 .	Miscellareot				171 9 0		300	169 D 0	See vouchers marked As as amount list.
	Tut	al		*****	30,986 3 8		11,318 4 5	19,517 14 10	
3 6.	Logius to inn	dholder			*****	*****		2,150 0 0	See vouchers marked Bb as
27.	Recoverable distremed		en to	*****		******	•••••	353 4 0	per annexed list.
	Geand	TOTAL.						#2,0 23 2 10	•

AKHOY CUMAR SEN,

Deputy Collector.

E. J. Babton, Offg. Collector.

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PRICES-CURRENT of Food-grains and Salt in the undermentioned

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A In the interior the prices range as follow:—Wheat 13 to 10 seers, barley 40 seers, best rice 14 to 21-12 seers, common rice 19 to 24 seers, and gram 16-13 to 27 seers.

13 in the interior the prices range as follow:—Wheat 11-4 to 18 seers, barley 25 to 30 seers, best rice 21 to 26 seers, common rice 26 to 28 seers, mains 32 to 35 seers, and gram 16 seers.

15 In the interior the prices range as follow:—Wheat 12 to 26 seers, best rice 18 to 26-4 seers, common rice 23-12 to 30 seers, and gram 12 to 30 seers.

16 In the interior the prices range as follow:—Wheat 15 to 20 seers, barley 26 seers, best rice 10 to 11-8 seers, common rice 17 to 18 seers, and gram 16 to 26 seers.

17 In the interior the prices range as follow:—Wheat 11-8 seers, barley 22-8 to 28 seers, best rice 8 to 10 seers, common rice 14 to 21 seers, and gram 17-8 to 17-12 seers.

18 In the interior the prices range as follow:—Wheat 8 to 16 seers, best rice 12 to 18 seers, common rice 19 to 26 seers, and gram 14-8 to 20 seers.

U In the interior the prices range as follow: -- Wheat 13 to 27 seers, best rice 16 to 19 seers, common race 18 to 27 seers, and gram 23 to 25 seers

Districts of Bengal for the	Fortnight ending 24th	February 1877.	
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- H In Roygunge the prices are as follow: Wheat 15 seers, best rice 30 seers, common rice 29 seers, and gram 20 seers, and gram 1 seers.

 In the interior the prices range as follow: Wheat 16 to 18 seers, best rice 13 to 14 seers, common rice 16 to 25 seers, and gram 13 seers.

 In the Serajgunge sub-division the prices are as follow: Wheat 18 seers, best rice 11 seers, common rice 25 seers, and gram 13 seers.

 In the interior the prices range as follow: Wheat 85 seers, best rice 5 to 14 seers, common rice 12 to 25 seers, lesser milies 14 to 15 seers, maise 18 to 40 seers, and gram 1 to 16 seers, and common rice 13-3 to 20 seers, and gram 8 to 13 seers.

 In the interior the prices range as follow: Best rice 16 to 20 seers, and common rice 21 to 23 seers.

 N In the interior the prices range as follow: Best rice 18 to 15 seers, and common rice 20 to 23 seers.

 O In the interior the prices range as follow: Best rice 14 to 15 seers, common rice 16 to 17 seers, paddy 25 to 33 seers, and gram 13 to 15 seers.

 P In the interior the prices range as follow: Wheat 17 to 25 seers, best rice 14 to 23-13 seers, common rice 22 to 26-10 seers, and gram 13 to 17 seers.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

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On the interior the prices range as follow:—Best rice 11 to 20 seers, and common rice 13 to 23 seers.

In the interior the prices range as follow:—Wheat 15 to 16 seers, harley 19-8 to 22-5 seers, lest rice 12-8 seers, common rice 23 to 24-8 seers, lesser millets 35 to 40 seers, maize 30 to 35 seers, and gram 14 to 20 seers, lesser millet 23 to 13 seers, common rice 20-8 to 22 seers, bullrank millet 23 to 29 seers, great unifet 25 to 28 seers, lesser millets 35 seers, maize 26 to 27 8 seers, and gram 21 seers.

In Tajpore the prices are as follow:—Wheat 15 mers, barley 30 seers, lesser millets 35 seers, maize 26 to 27 8 seers, and gram 21 seers.

In Tajpore the prices are as follow:—Wheat 15 mers, barley 30 seers, lesser, common rice 10 seers, murwa 23 seers, maize 39-8 seers, and gram 18 seers.

U In the interior the prices range as follow:—Wheat 18-19 to 31 seers, barley 21-8 to 40 seers, best rice 13-8 to 27-8 seers, common rice 17 to 30 seers, lesser millets 21 to 45 seers, maize 30 to 50 seers, barley 20 to 33 seers, best rice 14 to 17 seers, common rice 19 to 22-8 seers, lesser millets 35 to 45 seers, maize 38 to 50 seers, barley 20 to 33 seers, best rice 14 to 17 seers, common rice 19 to 22-8 seers, lesser millets 35 to 45 seers, maize 38 to 50 seers, and gram 19 to 27-8 seers.

Districts of Bengal for the Fortnight ending 28th February 1877 .-- (Continued.)

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CHOTA NAGPORE. South-Western Frontier Agency.

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- W In the interior the prices range as follow:—Wheat 13 to 15 seers, best rice 18 to 25 seers, common rice 21 to 27 seers, lesser millets 40 to 50 seers and gram 15 to 20 seers. Wheat 13 to 20 seers, hest rice 23 to 25 seers, common rice 26 to 29 seers, and gram 16 to 25 seers.

 Y In the interior the prices range as follow:—Wheat 10 to 13 seers, hast rice 20 to 26-4 seers, common rice 30 to 31-8 seers, maise 35 to 37-8 seers, and gram 13 seers.

 Z In the interior the prices range as follow:—Wheat 16 to 19 seers, bast rice 20 seers, best rice 12 seers, common rice 24-8 to 25-8 seers, lesser millets 42-8 to 50 seers, maise 33 to 36 seers, and gram 15 to 10 seers, common rice 28 to 40 seers, and gram 16 to 20 seers.

 Z1 In the interior the prices range as follow:—Wheat 16 to 18 seers, best rice 24 to 27-8 seers, common rice 28 to 40 seers, and gram 16 to 20 seers.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 8rd March 1877.

1	No.	District, ar retu		g or		Rainfall at Sudder Station in menes.	Character of the weather, state and prospects of the crops, and state of health at date.
BEI	NGAI				!		
	1	Western D	District	e.	i		
(. 1	Bordwan,	Mar.	5• ′	77	Nil	The crops are good. Fever and cholera are prevalent in Jehanabad.
	2	Bankooru,	••	8	.	Nil	Weather—Dry and hot. The prospects of the cold-weather crops continue favorable.
Ė	3	Beerbhoom,	••	3	!	Nil	Weather-Hot and bright. State and prospects of the crops continue good.
BURDWAN DIVE		Midnapore.		3		Nij	Weather-Fair. Daily getting warmer. State and prospects of the crops are good.
Втяр	5	Hooghly,	••	3	• !	Nil	Weather—Warm. The rice lands are still being ploughed. Peas, museri, theseri, and mustard, are being harvested. Mangoes were not injured by the rain of last month. Public health is normal. There is sporadic cholera here and there in the district.
ļ		Howrah,		3	••	Nil	Weather—Pleasant and seasonable. No crops on the ground at present.
		Central 1	Distric	ts.	:		
ï.	6	24-Pergunnaha	ı, Mar.	5,†	7 77	Nil	Weather—Bright and warm. The cold-weather crops are being gathered. Public health is generally good; only one case of small-pox and a few cases of cholera reported during the week.
q P	7	Nuddea,	••	3	,	Ril	Weather—Growing warmer rapidly. The crops are fair. Public health is generally good. There is some cholera in the Sudder sub-division.
PRESIDENCY DIVE.	8	Jemore,		3	"	Nil	Weather—The days are hot and the nights cool. The state and prospects of the crops are everywhere satisfactory. The yield of the date trees has been poor, and the season is now just at an end. Cholera has much abated.
į	9	Moorshedabad,	50	8		Kil	Weather—Seasonable. Clouds on the mornings of the 22nd and 23rd instant. The <i>rubbee</i> crops continue to be good; at p aces they are being harvested. <i>Horo dhas</i> , sugarcane, and mulherry, are favorably reported on. The price of rice has fallen to 21 seers per rupes. Chokra is still prevalent in Dobogram; otherwise, the public health is good.
1	10	 Dinagep ore, 	w	2	, :	Nil	The weather has become much warmer of late. The rubbee crops are promising; they are not yet fit for harvest.
BEHAR DITS.	11	Rajshabye,	91	3	, !	Nil	There has been a decided change in the weather, which has become much hotter during the past week. The nights are still cool with a fair amount of dew. The prospects of the rubbre crops continue good. The sowing of early rice and til (sessamum) is being pushed on, and boro dkan, or spring rice, is being transplanted.
н Вен	12	Rungpore,	,	, 2	•	Nil	Weather—Warm and windy. Wheat and other cold-weather crops are being harvested. Early rice is being nown.
RAJERARYE AND COCK	16.	Bogra,	*)	3	,	Nil	Weather—The days are getting hetter gradually. Wind blowing violently at noon now and then. Akeracki and kass are being sown. In some places the fields are being prepared for the early rice and jute.
Z X	14	Pubna,	•	3	., !		Weather—Seasonable. State and prospects of the crops are good.
RAFELA	15	Darjeeling,	**	2	,,	Nıl	Weather—Milder, with occasional samshine during the week. The only cross new on the ground are wheat and hereby, which are progressing favorably. Land is being prepared for the early rice.
_	16	Julpigoree,	29	3	"	Nil	Weather—Warm. Tohacco continues good, and is being harvested in some parts. A little rain is required.
	l	Cooch Behar,	,,	1	*	Nil	Weather—Becoming warm. West wind has begun to blow. Fields are being prepared for the bitri rice and also for jute; sowings have just commenced in some places. Tobacco will have to be very soon reaped. General health is good.

[•] Telegram of the 5th March shows rainfall during the seven days immediately preceding.

† Report of the 5th March shows rainfall during the seven days immediately preceding.

No.		District, s	and dat	te of		Rainfall at Sudder Station in inches.	
eng	AL	.—(Continuo	₫.)				
		Eastern	Distri	cle.			
1	7	Ducca,	Mar.	5•	777	Nil	Weather—Seasonable, and looks like rain at the time of report. State an prospects of the crops are favorable.
1	8	Fureedpore,	"	. 3		Ķil	Weather—Fair. Cooler at the beginning of the week than at the end of the previous week, but now getting gradually warmer. The prospects of the crops continue satisfactory. General health is good.
1	. 9	Backergunge,	,	1		Nil	The weather is getting warmer, but continues fine and cool for this season of the year. The crops are good everywhere in the district except in the wave stricken tracts. There is no disease among the cattle anywhere. Cholera still present, but not in an epidemic form, in thanas Backergunge, Mendigung (lournadi, Mirzagunge, Colachipa, and Bowful.
2	O	Mymensingh,	, ,,	2		Nil	Weather—Fine. State and prospects of the crops are fair.
(,	11	Tipperah,		2		Nil	Weather—Still cool. The crops are promising.
(2	: :	Chittagong,	**	1	*	Nil	Weather—Clear and seasonable. The prospects of the cold-weather crops a good. Lands are being prepared for sowing panis accus in some place. Cholera is abating. Small-pox prevails in certain portions of the district.
1	:3 : :	Nonkholiy	49	1	. !	Nil	Wenther—Seasonable. Heat gradually increasing. Chillies, pulses, &c., are pr gressing fairly. Ploughing for the early rice has begun. Choicea has mu abuted. Some stray cases of small-pox have been reported from Sudharam a other stations.
2	84 !	Chittagong I Tracts,	Iill Feb.	27		Nil	Weather—Very cold throughout the week. The hill people are busily engage in cutting their jooms for cultivation. The tobacco plants are thriving we Cholera is still prevalent.
l	:	Hill Tipperal	b, "	28	, "i	Nil	Weather—Seasonable. State and prospects of the crops continue good.
rh <i>a</i>	ı R				;		
		Patna,	Mar.	5°	'7 7	Nil	Weather - Fair, with westerly wind. The prospects of the rabbee crops are goes also the health of the district.
:	26	tiya,	•	3	• :	Nil	Weather—Getting hotter daily. The prospects of the crops continue fair. I mango trees have commenced to flower. Public health is good.
:	27 	Shairabad,	,	3		Nil	Weather—Getting hot, with west wind. Peas and massor pulse are being athered. The crops generally promise well. The late rain has done may injury to the poppy crop.
:	28	Durbhungs,	4,	3	••	Nil	WeatherFair and seasonable. The state and prospects of the crops are questisfactory.
	20	Mozusterpore	۸.,	3	. . į	Xii	
	30	Sarun,	.	3	99	Nil	Weather—Generally fine. Cool in the mornings and evenings; beginning to warm in the day time. Wind blowing from the west. For the last three d the mornings were occasionally cloudy. The prospects of the rabbee or are cenerally good throughout the district. The crops are fast reach maturity, and the harvest will commence within a fortnight or so. Seri damage was caused to opium by the late rain. The loss in the Chu agency has been estimated at one-fifth. The mange trees are rather late coming into flower. Indigo sowings will shortly commence. General her is good.
(;	31	! Chumparun, 	•	. 3	**	, Nil	Weather—Seasonable. Arker has been somewhat injured by the cold weat following the late rains. The prospects of other crops are excellent, and unusually abundant harvest is expected.
(;	32	Monghyr,	.,	3	,,	Kil	Weather—Fair. 25 of rain at Beguserai. A very fine subber crop is look for.
	33	 Bhagulporc,	**	5•	••	 Xil	Weather—Very fine, with light westerly wind. The rubbes crops are ripens Goneral health is very good.
1	34	Purseah,	w	3	90	NU	Weather-Hot, with west wind. State and prospects of the crops are good.
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	35	Mulduh,	,,	3	,	Nil	Weather—Fair; getting hot daily; wind generally from the south-west. There were four deaths from enote and one from small-pex reported during the week.
1.	36	Sonthal Perg		_		Nil	Weather-tietting warmer. The rubber crops in Godda are good, and there

1	No.	District, ar retu		o of		Rainfall, at Sudder Station in inches.	
OR	188A.	•					
i.	37	Cuttack,	Mar.	3	77	Nil	Weather—Close and oppressive. The cold-weather crops are in good condition. Ploughing is going on actively everywhere. A little cholera reported here and there.
ORISSA DIVS.	38	Poorse,	Feb.	2 8	,	Nil	Weather—Fair. The dalaz paddy crop is advancing well. Ploughing for the next season is going on briskly. The market has risen again on account of influx of pilgrius. Shipment of rice is still going on. Cholera is very rife in the city and parts of the district.
	39	Balasore,	Mar,	2	,,	Nil	Weather—Enir and hot. Ploughing progresses slowly. Cholera reported from a few localities. An outbreak of foot and mouth disease among the cattle has occurred.
CH	ATO	nagpork.					
		South-Wes Agen		nt ies	•		
	40	Hazaroelugh,	Mar.	2 '	77	Nil	Weather—Scasonable, but daily becoming sensibly warmer. No change to report. Wheat and barley are being carried home; the outturn is about the average. Health of the district is good.
	41	Lobardugga,	90	3	**	l Nij	Weather—Seasonable. In Palamow linseed, wheat, and barley, have suffered to the extent of two annua from blight caused by the late cloudy weather. The prospects of other crops are excellent. Small-pox has caused several deaths in several parts of that sub-division, otherwise the general health is good.
	42	Singbhoom,	•	2	••	Nil	Weather—Seasonable. The prospects of the rabber crops continue favorable. The district is reported healthy.
	43	Manbhoom,	**	3	••	Nil	Weather - Fine. The days are becoming very hot. Barley is now the only crop on the ground, which is looking well.

Published for general information.

CALCUTTA, STATISTICAL DEPT., The 6th March 1877. II. J. S. Cotton,

Jr. Secy. to the Goot. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DITIBLODS.	Distric	PS.	I I I I I I I I I I I I	Rain from 11th to 17th Feb- ruary 1877.	Rain from 18th to 24th February 1877.	JAS	PROM 167 IVARY 1877.	Remarks.
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K)	NGAL.			.			1877.	
	WESTERN DIS	TRICTS,		Inches.	Inches]		
{	Burdwan	{	Cutwa Cuina Bood-Bood Kaneegungo	Nil ditto ditto ditto ditto ditto ditto	Nil ditto ditto ditto Ovo3 Nil	2·19 2·61 3·47 2·07 3·05 8·71	24th Feb. ditto ditto ditto ditto ditto	
ı	Bankoora .	.,	Bankoora	··· ditto	ditto	2:40	ditto	
	Beerbhoom	{	Hetampore	ditto ditto ditto	ditto ditto dilto	4·67 4·89 3·64	ditto ditto ditto	
		{		··· ditto	ditto	6.02	ditto	
	Midnapore		Ghattal Oy. Collr.'s Office Contai		ditto citto ditto	5·13 4·17 4·67	ditto ditto ditto	
	Hooghly	{	Scrampore	ditto ditto duto	ditto ditto ditto	2·02 3·63 4·40	ditro ditro ditro	Not rec. 4th to 10th Feb.
l	Howrah	{	(Makashashka	ditto ditto	ditto ditto	5·25 5·14	ditto ditto	
	CENTRAL DIS	TRICTS.	Saugor Island	ditto	ditto	6-20	ditto	
			Calcutta Alipore { Dispensary Jail	ditto ditto ditto ditto ditto	ditto ditto ditto ditto	5·16 5·37 5·67 4·16	ditto ditto ditto ditto	
i	24-Pergunnaha	{	Haraset Diamond Harbour	ditto	ditto	4.58	ditto ditto	
			Satkhira Barrackpore	ditto ditto ditto	ditto ditto ditto ditto	6·38 4·09 4·03 3·94	ditto ditto ditto ditto	
1		Ì	Kishnaghur Pongong	ditto ditto	0°12 Nil	3·02 3·49	ditto ditto	
	Nuddea .		Chonadanga	ditto ditto ditto	ditto ditto ditto	1·74 8·12 2·60	ditto ditto ditto	
}		i	Ranaghat Jessore	ditto ditto ditto	ditto	3·17 2·83	ditto ditto	
	Jessore	•{	Khooma	ditto ditto	ditto	3.90	ditto ditto	
	j	i	Bagirhat Magoorah	ditto ditto ditto	ditto ditto dit <i>t</i> o	2:70 4:80 2:56	ditto ditto ditto	
Į	Mooraludahad		Ikrhampore Ramporehaut Lallbagh Jungypore	Nil ditto ditto ditto	Nil ditto ditto ditto	4·30 5·82 4·70	ditto ditto ditto ditto	
		l	1 11 11	ditto ditto	ditto ditto ditto	3·06 4·96 3 43	ditto ditto ditto	!
r	Dinagepore	{	l Daimann	ditto	ditto ditto	1.28	ditto	
	Maldah	⋛	Maidah Chanchal	ditto	ditto ditto	2·75 2·44 2·51	ditto ditto ditto	! '
	Rajshahye	{	Baulesh	ditto ditto	ditto ditto	4:39 4:01		i
}	Rungpote	{	Bhowanigunge Kurigram	ditto ditto ditto ditto	ditto ditto ditto ditto	1.46 1.80 1.00 1.81	ditto ditto dilto duto	
	Bogra	{	Rogra Sherpure	ditto ditto ditto	ditto Not rec. Nil	2·11 3·27 1·36	ditto 17th Feb. 24th Feb.	
	Pubna	{	Pubna	ditto	ditto dilto	4·04 3·21	ditto ditto	
ſ	Darjeeling		Darjeeling { Telegraph Offic Hospital	re 0:43	ditto ditto	2·65	ditto ditto	
Į	Julpigoree	{	Julpigoree Bulah Aliporo	Nil dirto Not rec.	ditto ditto Nor rec.	1:91 2:40 0:71	ditto ditto 27th Jan. j	
		Ų	Buza—('ivil Surgeon's Offic Titalya	me Nil ditto	Nil ditto	1.80 1.80	24th Feb. ditto	Not rec. from 28th Jan. to 10th
١	Cooch Behar Tr States.	ibutary	Cooch Behar	ditto	ditto	1.08	ditto	

Divisions.	Durziore.	Stations.	Rain from 11th to 17th February 1877.	Rain from 18th to 24th February 1877.	JAN	PROM 187 VART 1877.	Rohades.
			Rais to 17t 1877.	Rain f SAth 1877	Inches.	Up to date.	1
RI	INGAL.—(Continued.)						The second secon
~-	EASTERN DISTRICTS.		Inches.	Inches.		1877.	
	BASIANS DISTRICTS.		Nil	3 7-4	2:49	17th Feb.	
r	Dacon	Dacca Telegraph Office	Not rec.	Not rec. Nil	8-19	24th Feb.	Not rec. 11th to 17th Feb.
	l	Manickgunge	ditto ditto	ditto ditto	5·91 3·25	ditto	Ditto ditte. Ditto ditto.
ااج	Furreedpore {	Furresdpore Goelundo	Nil disto disto	ditto ditto ditto	1.08 2.73 2.94	ditto ditto ditto	
Dacca.	Backergunge	Burriaal Perozepore Patooakhally	ditto ditto ditto ditto	ditto ditto ditto ditto	4:15 4:50 6:18 0:40	ditto ditto ditto ditto	From 4th February.
	Mymensingh	Mymensinh Jamalpore	ditto ditto	ditto ditto	2·55 2·54	ditto ditto	
,		Atia Kishoregunge	ditto ditto	ditto ditto	2·76 2·30	ditto ditto	
	Chittagong	Chittagong { Telegraph Office Jail Coz's Basar	ditto ditto ditto	ditto ditto ditto	3.70 4.11 1.88	ditto ditto ditto	
one.	Noakholly	Noekholly Fenny	ditto ditto	ditto ditto	4 41 3 20	ditto ditto	
CRITIAGORG.	Tipperah	Comillah Brahmunbariah	ditto ditto	ditto ditto	2·97 6·38	ditto ditto	
5	Chittagong Hill Tracts Hill Tipperah	Rungamates Hill	3:44-	ditto	5·23	ditto	
BEL	JAR.				}	ditto	
[Patna	Patna Behar Barh Jail Inapore Cantonmont	ditto	0.51 0.61 0.45 0.20	2·70 3·50 2·74 2·58 2·38	ditto ditto ditto ditto	
	Gya	Gya Ni wadah Arungabad		0-04 Not rec. Nil	3·26 3·16 0·60	ditto 17th Feb. 24th Feb.	Not rec. 18th to 24th Feb. Not rec. 18th Jan. and 4th to 10th Feb.
ł		Johanabad	ditto	1.08	3·87 5·10	ditto ditto	Not rec. 21st to 27th Jan.
	Shahabad	Superam Buxar Bhuboosh	ditto	0·19 Not rec. 0·19	3·69 4·42 4·59	ditt 17th Feb. 24th Feb.	
PATEA.	Mufferpore	Mozufferpore Hajoepore Sostamurhes	ditto ditto ditto	Nut rec. ditto ditto	1:00 1:71 2:91	17th Feb. ditto ditto	Not rec. 4th to 10th February. 1)-tto ditto Ditto ditto
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Durbhunga	Durbhunga Mulhoobunuee Tajpote	ditto ditto ditto	O-05 Nil disto	8:35 2:74 2:95	24th Feb. ditto ditto	
Ì	Sarus	Chupra	ditto ditto	Not rec. ditto	3·14 4·59	17th Feb.	
l	Chumparun	Metiharee Segowlie Betriah	ditto ditto ditto	0708 Nil <i>U</i> 29	4-54 4-08 4-06	21th Peb. ditto ditto	
[Monghyr	Monghyr Hego-merai Jamoose	ditto	0.48 0.25 1.00	2:31 2:34 4:59	ditto ditto ditto	
LPORE.	Bhagulpore	Hhagulpore	ditto	0-27 0-02 Nil 0-40 Nil	2-59 2-22 2-76 3-03 2-27	ditto ditto ditto ditto ditto	
BEACULORS.	Purnesh	Purneah	ditto	ditto ditto ditto	1.71 1.33 1.90	ditto ditto ditto	
	•	Nya Doomka	3:40	0-20	4'35	ditto	
l	Southel Pergunnals	Rajmehal	ditto	Not rec.	0-90 3-74	17th Feb.	Not rec. 15th to 20th Jdn.
		Godda	4244	0.81	1:04	21th Feb.	

DIVISIONS.	Districts.	STATIONS.	Rain from 11th to17th February 1677.	from 18th to th February 77.	JAT	PROM 107 TUARY 877.	Remarks.
4		•	Rain 1877	Rain from 24th 1877.	Inches.	Up to date.	
ORI	88A. :		Inches.	Inches.		1877.	
	Cuttack	Cuttack { Telegraph Office Houpital Jaippore Kendraparah Jugutsingpore False Point	0.50 0.53 0.20 0.40 Nil	Nil ditto Not rec. ditto ditto	2-00 1-84 8-05 4-80 1-70	94th Feb. ditto 17th Feb. ditto ditto 24th Feb.	
اد	Poores	Poores Khurdah	0-79 0-48	Not rec. ditto	8·17 8·27	17th Feb.	
Овтява	Bulasere	Ralance { Rze. Engr.'s Office Bhadrack	Nil ditto ditto ditto ditto ditto	ditto Nil Not rec. Nil 0-90 Nil	3·10 3·31 7·86 5·73 3·46 5·48	ditto 24th Feb. 17th Feb. 24th Feb. ditto ditto	
Ĺ	Cuttack Tributary Mehal	Sumbulpore	ditto	ditto	5-67	ditto	
	CHOTA NAGPORE.						
	FROSTIER AGENCY.	Wannahark (Jail	ditto	Nil	4:67	ditto	
	Hazarsebagh	Dispensary	ditto	ditto	4:39	ditto ditto	
	Lohardugga	Ranchee Palamow	ditto ditto	0·14 Nil	6-81 4-05	ditto ditto	
	Ningbhoom	Chyebassa	ditto	ditto	6 -95	ditto	
	Manbhoom	Purulish Govindpore	ditto ditto	ditto 013	8 76 5:84	ditto ditto	
	ARSAM & ADJACENT	•	 !				
	Sylhet	Sylhet	ditto	Nil	4:77	ditto	
	Scebeaugor	Beebnanger Golaghat Golagha	0°07 Nil 0°28 0°20 Nil ditto 0°11 0°05 Nil	Not rec. ditto ditto ditto ditto ditto ditto ditto ditto ditto	1:80 1:40 1:73 2:35 1:60 1:68 1:09 2:24	17th Feb. ditto ditto ditto ditto ditto ditto ditto ditto ditto	
1	•	Akyab	ditto ditto	Nil ditto	0°60 Kil	24th Feb.	
	RAJPOOTANA	Sambhar Jaipur	ditto ditto	ditto ditto	0°59	ditto ditto	•

CALCUTTA,
The 8rd March 1577.

A. Pedlee,
Offg. Meteorological Reporter to the Govt. of Bengal.

Abstract of Observations as received in the Meteorological Office, Calcutta, during the month of December 1876. N B.—The Barnmeiric data are reduced for temperatures, and not for height above sea-level.

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UALOUTIA—DRCENBER 1876.
... 6920 | Mean humidity of 24 years
... 6920 | Ditto ditto of 1876
... 1'1 | Defect in 1870 ... Mean barometric presente of 24 years litto ditto of 1676 Excess in 1876

... 71 | Mean rainful of 48 years 0'23
... 67 | Actual fall in 1876 0'28
... 4 | Defect in 1876 0'28
A. Pedler,
Offy. Meleorological Reporter to the Gort. of Bengal.

:::

March 1877.

Mean Pressures and Temperatures of the preceding Table reduced to sea-level, with Anemometric Results and Cloud Observations.

·	# #	<u> </u>						<u> </u>	Wı	yd.	:::- 	منهدن بالمحدد			
STATIONS.	Mean barometric nure reduced to level.	Mean temperature duced to sea-level.	North.	North-east,	East,	South-east.	South.	South-west.	West,	North-west.	Variable.	c'alm.	Percentage and Resultant,	Mean relocity daily.	Mens cloud.
Port Blair Nancowry Madras Vizagapatam Alyab Yalae Point Cuttack Sangor Island Chittaronr Calcutta Burdwan Jessore Ducca Silchar Hazareelagb Jerhamporo Jeya Patna Durbhunga Purneah Dargeding Seelsaugor Goalpara Allahabad Roorkee	20-976 -905 -905 -905 -907 -907 -907 -909 -906 -907 -907 -909 -907 -907 -909 -907 -909 -907 -909 -907 -909 -907 -909 -907 -909 -909	78-9 78-6 73-4 78-7 60-7 60-8 68-9 68-9 68-9 68-9 68-9 68-9 68-9 68	91 10 3 44, 16, 56, 19, 23, 41, 6, 31, 8, 22, 23, 	25 13 4 21 10 26 15 4 7 23 1 1 4 27 5 4	17 22 1 20 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 31 	18 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	3 2 17 11 17 10 14 10 14 10 43 44 16 43 24 16 11 28	5 1 1 5 6 8 8 8 10 14 10 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 20 	63 N, 44° E 71 S, 82° K 81 H, 48° E 29 N, 28° E 47 N, 7° W 44 N, 26° W 65 N, 90° W 75 N, 16° W 65 N, 90° W 81 N, 37° E 70 N, 48° W 82 N, 71° W 83 N, 71° W 84 N, 71° W 85 N, 80° W 86 N, 71° W 86 N, 71° W 87 N, 88° W 88 N, 71° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W 80 N, 88° W	195 0 5079 0071	4-55 5-10 5-10 5-10 8-79 8-32 0-05 0-08 0-08 1-48 0-05 1-11 0-50 0-11 4-77 4-09 1-30

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 17. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table,—" Prof. papers on Indian Engineering No. CXIII." The temperatures at the sea-level are taken from column 3 of the above table.

Temperature.—The temperatures in column 3 are reduced from those in column 17 on the preceding page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Clouds.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0. and one completely overcast by 10.

The above being all comparable, afford the data for constructing a meteorological chart for the month, which shall show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

CALCUTTA,

ALEXANDER PEDLER,

The 2nd March 1877.

Offg. Meleorological Reporter to the Goot, of Bengal.

Meteorological Telegraphic Report for the period 25th Feb. to 3rd March 1877.

Ę		1	Barometer	Barometer	THERM	om by by.	<u>F</u> 9	Wind) ,			
STATIONS.	Dute.	Hour.	reduced to 82°.	reduced to sea- level.	Dry.	Wet.	Humidiry Sat.=100.	Direction.	e Velocity.	Bain.	Clouds.	Weathe initials
-]]۔	Feb. 25th 26th 27th	10 16 10 16 10	30·173 30·005 30·125 30·119	30·102 3cr021 3cr044 3cr030 3cr030	76·6 84·2 70·2 83·:	63-8 67-4 62-5 61-9 65-0	49 88 41 30 69	NNE WNW NbyW NNW		******		8 6 6 6
CALCUTA	28th March 1st	16 10 16 10	2:1483 3:1:09 1:0175 30:072 29:854	30*019 30*111 29 993 30*091	78:4 81:7 81:0 78:7	61-3 69-7 62-9 62-0	28 47 37 41	W N W W W N W			****	6 6 6
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ISLAND.	Feb. 25th 26th 27th 28th	10 16 10 16 10	30150 30025 30129 30094 30096 20081	80°156 80°031 30°135 30°010 80°102 29°987	70 H3 7M 83 70 84	66 68 63 66 67	47 43 39 86 61 87	NN W NN W NN E NN E NN E	0.0 8.6 5.1 10.3 4.2 7.2			6, m
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1	F. b 23th 25th 20th 27th 25th March 1st	10 16 10 16 10 16 10 16 10 16 10 16	20°050 20°055 20°105 20°105 20°103 20°103 20°103 20°105 20	30-103 30-127 30-127 30-108 30-123 30-124 30-124 30-124 30-110 29-90 30-100 29-90 30-100 29-90 30-100 29-90 30-100	83 83 83 84 84 86 81 85 84 86 84 86 84	71 71 70 71 71 70 70 70 70 70 70 73 73	53 51 49 547 447 44 45 44 47 51 54	E by 8 E by N E by N E N E E by N N E by N N E by N N E E E E by S E E E by S E E E by S	0.5 10 15 9 11 12 14 9 7 7			m
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· Velocity of wind in miles per hour.

CALCUTTA, The 3rd March 1877. A. PRDLKR,
Offg. Meleorological Reporter to the
Government of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 22nd to 28th February 1877.

			Тив	RMONI	THE MOMENTER.		}	de a	bomidity.	ı Wı	#b.	İ			
Month.	Date.	Mean reduced barometer	Highest reading.	Lowest reading.	Max. solar radi-	Mean dry bulb.	Mean wet bulb.	Computed mean point.	Mean degree of hum	Prevalling direc- tion.	Max. presente.	Daily relocity.	Rain.	Moon's phases.	Greeral Remarks.
		Inches.	0	0	0	0	0	0	. 		B	Miles.	In.	Γ	
Feb.	22nd	3 0.000	81:4	63%	134-4	72.2	65%	67.3	0.08	Shy E&S by W		71.0			Clear, cirri and cirro-
	23rd	1128	H-1-H	65-7	140.2	74.0	67:9	63-6	.71	SheW & S		92-3			Afrati. Cleur, cirrocumuli sud
	2Ith	1060	81.2	(E)")	13 60	76 9	(K)·7	65-4	-71	8 by W, 8 W	•••	86.2	•••		cirri. Cirrocumuli, cirri and
	25th	.(141)	81-5	(M.º	136.4	74-6	r5·]	58.4	-50	&W by N N N E & W N W		81.5			clear Clear. Slightly foggy at midnight, 1 A M., and
	20th	1454	83.3	G:3-6	187:0	73·1	63-3	55:3	.26	NNWAN		138-3	***		Clear. Shightly forgy
	27th	าเมล	H1·7	62.3	137 3	73-3	ero	50-1	.22	N W W W.	•••	108-6			from 8 to 10 P.m. Clear.
	2845	110	86°0	66-0	137:4	7ñ·1	8-49	6rHJ	.90	by N W by N & W s W	•••	100%	•••	O	Clear.

The mean barometer, as likewise the dry and wet bulb thermometer, means are derived from the

The mean baroneter, as new see the dry and wet only thermometer, means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days The maximum temperature during the past seven days The maximum temperature during the corresponding period of the past year		⊊ 23·5 86·0 90·0
The mean humidity during the past seven days	•••	0.63
The mean humidity during the corresponding period of the past year	•••	0.66
		Inches.
The total fall of rain from 22nd to 28th {by lower rain-gauge by anemometer gauge	•••	Nil
by anemometer gauge	•••	Nil
Ditto ditto ditto, average of twenty-three previous years		0-15
Ditto ditto between the 1st January and the 28th February		5.16
Ditto ditto ditto, average of twenty-three previous years	•••	1.52

The 3rd March 1877.

GOPERNAUTH SEK. In charge of the Observatory. Abstract of the Results of the Hourly Meteorological Observations taken at the Surveyor-General's Office, Calcutta, in the month of January 1877.

LATITUDE 22° 33' 1" North. Longitude 88° 20' 34" East. Height of the cistern of the standard barometer above the sea level, 18:11 feet.

MON	HLY RESU	JLTS.	•		Inches.
Mean height of the barometer for the month	•••	•••		•••	30.096
Max. height of the barometer, occurred at 10			•••	•••	30·30 1
Min. height of the barometer, occurred at 4 P.		st	•••	•••	2 9·908
Extreme range of the barometer during the me	onth	•••	•••		0.393
Mean of the daily max. pressures	•••	•••	•••		30-171
Ditto ditto min. ditto	•••	•••			30.010
.llean daily range of the barometer during the	month	•••	•••	•••	0.131
•					
					₩.
Mean dry bulb thermometer for the month	•••	•••	•••	•••	67·7
Max. temperature, occurred at 3 P.M. on the 30		•••	• •	•••	88.0
Min. temperature, occurred at 7 A.M. on the 1s		•••	•••	•••	57·5
Extreme range of the temperature during the n	nonth		•••	•••	25.5
Mean of the daily max. temperature	•••	•••			76·1
Ditto ditto min. ditto	•••	•••		•••	60 · 7
Mean daily range of the temperature during the	month	•••	***	• • •	15.4
-					
Mean wet bulb thermometer for the month	•••	•••	•••		62.5
Ditto dry bulb thermometer above mean wet bu	alb thermome	ter	•••		5.2
Computed mean dew-point for the month			•••		58:3
Mean dry bulb thermometer above computed m	ean dew-poir	it	•••	•••	9.4
•	•				Inches.
Mean elastic force of vapour for the month	•••				0.494
•					
-					Troy Grain.
Mean weight of vapour for the month				•••	5·46
Additional weight of vapour required for comple			•••	•••	5.00
Mean degree of humidity for the month, comple	te saturation	being unity		•••	0.73
					-
Mean max. solar radiation thermometer for the	month	•••	100	•••	128.4
-				_	Inches.
Rained 7 days,-max. fall of rain during 24 hou	1 TS	•••	•••	•	1.04
Total amount of rain during the month		•••	•••	•••	2.00
Total amount of rain indicated by the gauge*	attached to t				
month		Bucinome			out of order.
Prevailing direction of the wind		•••	•••		N&NW.
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[·] Height 70 feet 10 inches above ground.

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GOPBENAUTH SEN.
In charge of the Observatory.

The 25th February 1877.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

RETURNS OF CANAL TRAFFIC.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Kendrapara Canal for the month of December 1876. ORISSA CIRCLE.—BRAHMINI DIVISION.

LENGTH OF CANAL OPEN-39 MILES.

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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the High Level Canal for the month of December 1876. LENGTH OF CANAL OPEN-37 MILES. ORISSA CIRCLE.

	PRIV	PRIVATE TRAFFIC.	AFFIC.			-	<u>-</u>	- -	STORES AND N	VATER	MATERIALS FOR IRRIG	R IRR	IGATIC	MATERIALS FOR IRRIGATION WORKS.	KS.				Ą	ABSTEACT.				ļ
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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Tuldunda Canal for the month of December 1876.

LENGTH OF CANAL OPEN-27 MILES.

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STORES AND MATERIALS FOR IRRIGATION WORKS.		Nature of cargo			Empty boat						5,4% bembos	ill timber				
	hoats	Number of		:	_	<u>:</u>	:	-	8	<u> </u>		<u>:</u>	<u> </u>	<u>.</u>	-	
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AFFIC.	TOUNABE OF BOATS.	¥ds.		2 	2	910	ij	1,30	119'6		-	;			Ţ.	8,554
PRIVATE TRAFFIC.	APPROXIMATE	Cargo.	á	8	į	£		8	1,93		&		8	5	<u> </u> -	# **
PRIV.	APPRO:	Weight of cargo.	χĠ	มี	•	3	į	2	1884			-			12	## ## ## ## ## ## ## ## ## ## ## ## ##
		Nature of cargo.		In send	boat	Toung plants	Empty boats	Total	Total of same month		A,100 bambass	2 passengers	Total	Total of same month	Grand Total	Grand Total of same mouth last year
	bonta	30 70dmnV.		-	-	•	•	•	2				:	:	•	8

PUBLIC WORKS DEPARTMENT, IRHIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE. Statement showing the total amount of Traffic and Tolls on the Midnapore Canal for the month of December 1876. LENGTH OF CAMAL OPEN-53 MILES.

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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Tidal Canal for the month of December 1876.

LENGTH OF CANAL OPEN-29 MILES.

	-	PRIVATE TRAFFIC.	RAFFI(,;					STORES AND MATBRIALS FOR IRRIGATION WORKS.	LPW QX	BRIAL	S FOR I	RRIGA	TION W	ORES.					ABSTRACT.	ACT.			
		APPROXIMATE TOFFAGE OF BOATS.	Ton.	TAGE OF			and [[APPRO	APPROXIMATE	TONKAGE OF BOATS.	3 E C F	<u> </u>		19d						•		oll ber
Nature of cargo.		Weight Value of of cargo, cargo	M ds.	. Tung.	egestim noT	Tollage.	of To of nA of int and	elint not	Nature of cargo.	Weight of curgo.	Value of Cargo.	Mds.	Tons.	gesliar noT	Tollage.	os to ntasi "salim nos	Number of 1	Nature of traffic.	3 c	earpo.	.enanneT	Ton mileage	Tollage.	Rate of te
		Mds. Rs.				Be. A.	. P	<u></u> نم		Kds.					Rs. A. P.				Mds.	ä			Re. A. P. A. P.	_ <u>₹</u>
1,214 Rive	:		1,65,551	152		1,641 4	- . .	: 		i	:		· :		:	•	3,324 Local	leal	1,00,7	1,09,745 1,78,091	21 - E	1,67,523 8,298	0 + 805	6.33
2v4 Paddy	:	17,230 18,277		30,00	!		 •••	: 			i	!	:		:	 E	:		i	i		:	!	:
es Miscellaneous	- •	3,457		200		115 12	•	: 		i	:		;	:	!	:			!	į	•	1	i	!
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12 Timber	:	- 054 - 1,150 - 1,150	_	.: 0 2 0,1		30 II	•	. : 			:	:	:	:	:	:	 :		I	i	i	į	:	
57 Passenger busts	:			8,830	i	~ ~	: ••			:	Ī.		:	:	i	 :			:	i	i	:		<u>:</u>
1,490 Empty boats	-	 	1,03,791		<u> </u>	765	-	, !		i	i		i	:	i	• ·	:		:	:	:	i	ŀ	<u> </u>
Straw (629 kahuns)	:	 	7S - 18	13,950	i	8	: 	:		-			i	 :	:	 -	:		!	i	1	i	i	:
Fuel	:	1,300	151	229,	<u> </u>	. i	: •	:		1			:	;	:	:	··			i	ŧ	i	i	:
Earth-number 7,700)	چ		z	: : :	<u>.</u>	•				į	-		:	 }	:	 .	:			i	:	-	į	
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1 Mats (No. 970)	-	 :		100		0 11	•	_ <u>:</u> 			i		:		· [:						i	į	!
20 Tobacco		3	731 1,			9 11	•	<u>:</u>		:	i		:	•	:	:	 :		i			-	:	:
Bemboos (No. 1,210)	<u>.</u>	1	1	173	. <u>.</u>	***		<u>:</u> :			i		:	 !	i	·	 :		i	i	i	i	:	
Spice	-	<u>ت</u> 5		: -3	_;		•	<u>.</u>		_		_	_	-	•	_			_		_			_

Cocal Coca	Continuate (No. 1,200)				. 2 3					· :	
Coccanata (No. 1,230) 41 400 3 10 8 Oll-cake 700 300 9 60 8 9 0 Shone, Lime 700 300 9 60	Cocommuts (No. 1,20)			- 				! !		: : 	/:
Stone, Line	Storac, I kine		Coconnuts (No. 1,230)					i	9 10		
Sanges water 1,975 87 8,230 1,525 6 1,52	Ganges water 1,976 57 22 6 Cotton 700 4 13 0 9 1 9 Cotton 10 10 10 0 9 1 9 Cotton 10 10 10 0 Leather, untamped (Ac. 18) 0 70 0 70	9 04	: :							: : 	
Cotton 886 5,866 1,825 9 1 P 10 Cotton 886 5,866 1,825 9 1 P 10 Cotton piece-grods (4 600 13 10 0 11 11 0 .	Cotton 380 5,805 1,825 9 1 P 1.0 cotton 380 5,805 1,825 9 1 P 10 0	22 (:					_i	# #		:
Cotton piece-grods (4 460 15 10 0 10 10 0 10 10 0 10 10 0 10 10 0 10 1	Cotton piece-grods (4 bits) 460 15 1 0 0 1 0 0 Deales) Total of same month 70 stal of same month 57 stal of same month 57 stal of same month 1 11 stal of same month 1 11 stal of same month Miscritasfors Total of same month Total 2 stal of same month 3 stal of same mont			: 					e - + •	: a	:
Desides Unitarised Color Lib	Total of same month 1.06,743 1.78,7801 3,18,410 12,443 1.67,3430 3,282 1,37,3430 3,282 1,37,3430 3,282 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 1,37,3430 3,382 3,3	=			5			!	•	: 	:
Total of same mouth ST,500 S,94.20 1.05,740 S,002 1.05,740 S,002 1.05,740 S,002 S,	Plants (No. 18) 1.00, 749 1.75,000 2,94,10 12,145 1.57,250 2,06,10 1.00, 740 1.75,000 1.57,250 1.57	-	Leather, untanned (No. 150)						• • 		
Total of same month	Total of same month of 1.06,743 1,78,400 2,9,410 12,445 1,57,320 3,520 6 0 0 3 3	7		!			- 1	!		;	
Passenson, No. 467	Passenson, No. 457	2	Total		1,78,8	3,19,410		1,87,85	+ 503'8 #		[
Paserners, Nu. 457	Demutrage, &c.	ğ	hast year	!_		1.68,956				•	• 1
Demutrage, &c	Demutrage, &c										
Total of same mouth	Total of same month	[Demurrage, &c	!	{		: ,		==	 	;
Mark year.	Ment year	T	Total	L			:		81 +	·!-	<u></u> ;
	Grand Total 1 00.7145 1,75,501 2,45,110 12:143 1,57,525 5,25 0 0		Met year		1	:	:			·¦-	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SONE CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Arrah Canal for the mouth of September 1876.

		PRIT	PRIVATE TRAFFIC.	AFFIC.					i 	RIORES AND	MATE	STALS E	OR IRR	IGAT	ES AND MATERIALS FOR IRRIGATION WORKS.	RKS.	-				ABSTRACT.	H				
adaoo		AFE	AFFROXIMATE	TONFAGE OF BOATE	0 1	٠,		y bos	hoata		APFROS	APPROXIMATE	TONNAGE OF BOATS.	2 OF 0			and the			4			٠	İ	Tag Ilo	
Number of 1	Nature of cargo.	Weight of Chreo.	Value of cargo.	Kds.	Tons	Ton milesge	Tollage.	Make of to solim not	To yourna	Nature of cargo.	Weirht of cargo.	Value C. Cargo.	Mds.	Tons.	njaolita avT E	Tellage.	Aliar not	To Todani Z 	vature of traffic.	of Carreo.	of cargo.	.onannoT	gaslias noT	Tollage.	Mate of to	Benaeue
		Mds	ā				Rs. A. P. A. P.	A.P.	ا	_	Mds.	Br. A.P.	_		_ ## 	Rs. A. P.	A. P.			Mds.	Rs. A. P.			Rs. A. P.	A.P.	
•	Beer, wine, and oil- man's stores	į.	57.3	3	4	Š	10 68		3	Stone	15	455 8 9	18,793	200	4,971 92		 :	11 Local	_ :	1,060	6.685.0	 1	5.287	50 115 8	9 1.66	
••	Selt	新	8,915	1,805	\$	2,239	1	: :—		Dehree workshops materials.	5	558 0 0	418	#	1,844 99 	B B	:	e 'Gort.	Gort. Stores	8,827	** ** ** **	719	7,613	. \$ 21 421	31.8 0	
. **	Empty boats		İ	1,835	 	5	* *	:	.	Emply heats			9,079	P	2	0	<u>;</u> :	- <u>-</u> -		 !	i	i	:	ŀ	:	
_	Passenger ditto			2	~	휭	. 8 13 8		:		-			:				i		-	i	:	 		ł	
Ħ	Total	1,060	26.9	50 S	뵘	6.257	55 19 8	2	3 8	- ·-	6,827	888	16.592	19	7,415'124	11° 3	\$1.8	it	L	9.837	7,678 8 9	789	12,PAE 175	8	19.4 0 2.6	
	Total of same month				:		 	<u>:</u>	ļ ·	-	1			;	-		· :	 ;	<u> </u>	1	1		_	1	;	
1							<u>.</u>	<u> </u>				<u> </u>	Miscri	MISCRILANZOUR	1 12	[i ·	<u> </u>				<u></u>		<u> </u>	
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	Total of same month				;	İ		ï	i					١,			- · :		•	i	i	1	i	:	ı	
12	Grand Total	1,060	28.	8,324	1	5,287	25 21 35		빙		8,627	0 % S	16,592	617	7,415 124 12	21		E2		9,587	7,673 3 9	82	12,909 178	80	:	
	Grand Total of same month last year			;	i			:	:		i	I	1	:			<u> </u>	·	'. 		i	1	1	ı	;	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SONE CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Arrah Canal for the month of October 1816.

-		PRI	PRIVATE TRAFFIC.	AFFIC.				*	.S.	STORES AND MATERIALS FOR IRRIGATION WERES.	MATE	RIVES	FOR 1R	RIGATI	ON WCRI	3				A BST RACT.	E			il
hoste		APPEC	APPROXIMATE	Tonkage of Boath	NE OF			and II	Princis.		APPROXIMATE		TONYAGN OF BOATS.	1_	. —					-	-			Det.
Number of	Nature of Cargo.	Weight of cargo.	Value of cargo.	Mds.	Tons.	egalliar noT	Tollage	of to of to for mile.	N Todank	ture of cargo.	Weight of cargo.	Value of cargo.	Mds.	Tons	Ton mileage,	lut to etast	ton mile. ————————————————————————————————————	Nature of traffic.	Weight of Cargo	Value of cargo.	-osannoT	- Consolina noT		Rete of toll to adam
		K d.	<u></u>				B. A. P.	نه خ			Mds.	ă				Be A P	نم		N.	-		-	—	
a	Beer and wine and columnis stores		1.110	191	 I*-	8	60 60	·	- 62		 8	- :		-	_ ;	,				_ i			-	4
. Spice				-	#	_	. 6 4 51		1 . Call	: :	. 604.402	6,1100-11,11,303	606.1%.	Ź	Ę	: 5 7 : :	8 .		27.1	8.305			101 11 10	9 13
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12 20	13 Empty boats	 - -				3			Tif Emple	mote beets										 	: · :	 		:
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2	Total .	1,734	200	8,011	ž	•	101 101	۱	- 3	•						֟֝֟֝֟֝֟֝֓֓֓֓֓֓֓֓֓֓֓֓֟֟֝֓֓֓֓֟֟			÷	_!	-!		- .	: [
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-	last year				<u> </u>]:	` : Ī	'		 ;	 	_; -;	- -	<u>'</u>	٠,:			-			 	1
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7	Total				:	:	9	:	 :		:			'		<u>:</u> ا ا] : .	•		ŀ	١.		1	1
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I	Grand Total						4 1	:	ij	. •	-		•	:		:	<u> </u> -	. ••		 !	: !	_		÷
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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SONE CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Arrah Canal for the month of November 1876.

		:	PRIVATE	PRIVATE TRAFFIC.	F.F.C.			 	i i 	STORE AND MATERIALS FOR IRRIGATION WORKS.	D MAT	ERIALS 1	OR IRE	IGATIO	N WOR	si M		,	•	ABSTRACT	ACT.		! 	 	·
adaed		APPEO.	APPROXIMATE.	TOXFAGE OF BUATE.	G# 07	,		and flo	.n.land		APPRO	APROXIMATE.	TOYNAGE OF BOATS.	 		Ted II	<u></u>					"		Toti Ile	
Number of	Nature of rargo.	Series	Value of Carpo.	Ž.	Tone	Ton milonge	Tollage.	Rate of te	To rodand	Nature of cargo	Weight of cargo.	Value of cargo.	Mds. 1	Tons.	nganilar noT Tollor Sellor	हैं: 	Sumbor of	Traffe.	of verker.	f of cargo.	g g g G Tonnago.	Ton milence	Tollage.	Hate of to	BRANKES.
		M.Gs.	쿒				Br. A. P.	A. P.			Mds.	Rs. A. P.			R.	Rs. A. P. A.	P.		×	Mds. Rs.A. P.			: Bs. A. P.	A.P.	<u> </u>
<u> </u>	Empty heats	- 	-	3	ន 	\$	- 20	•	315	Stome	55,739	4,120 5 9 1,02,901	1,02,501	8,777, 61,200	9	i in		9 Local	!	-		31. 960	9 11 6	. 0 . 0 . 0	
- A	Passenger boats		!	Š	=	ŧ	s 11s 3	:		Mortar	\$	780	104	•	27	: 		338 Gort. stures		57,316 J.073 9 P		4,119 GF,:02	9 838	20 2.0 2.0 2.0	
			:		:	į	•		•	Bullahe and	1,900	90 95	22		15	: e t-	: := !	<u>-</u>		<u> </u>		:		<u>;</u>	
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			!		1	-	:		_	1 Balks for head	2	0 200	187	- 1		: 	#. #:			 :	:	 	- -		
			ŀ	-	: :			į	\$ 1	29 Empty boats	i	•	5,005	186 1,	1,159 17 1	13 3			.	<u>.</u>		:	•	;	
•	Total	<u> </u>		2	=	ŝ	11 8 0	0 23	ž		57,510	5,673 9 9	1.14.071	2. S.	05,362 939	8 8	9	20	57,316	\$16 5,673 9	6.	4,236 70.246	11 626 3	62.7 0 8	
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		_				 		 		·			K	MISCELLASBOUS	BOUS.						 :	:			
<u> </u>	Total				<u> </u>			-	:							 -	 	l .	<u> </u>		: - :	<u>:</u> .		<u> </u>	
유크 :	Total of same month					 			• :	-				 -	<u> </u> 	¦	<u></u> : :	ı -						:	
-	Grand Total			3	-	8	11 8 0		3		7.37	8,073 9 0	1,14,071	왕	46.9h	20	:	100	57,314	314 S,673 W		하는 일하	950 14		–.
] :	Grand Total of same month last year				;				:		 			 		¦	 !	Ī ·	<u> </u>			<u> </u>			

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SONE CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Arrah Canal for the month of December 1876.

		PEN	PRIVATH TRAFFIC.	LA PFIG.	_		•			STORES AND MATERIALS FOR IRRIGATION WORKS.	KATERI	ALS FO	R IRR	IGATI	OM WC	EK.		 		4	ABSTRACT.				_	88
aband		Arra	APPROXIMATE.		TOFFAGE OF BOATE	1		ng bea	.etaod		APPEC	APPROXIMATE.	TOYEAGE OF BOATS.	ATE.			ll ber	,a3200				-	-	bes	-,	
Mamber of	Nature of carpo.	Weight of cargo.	Talue of cargo.	K.	Tons	Ton miles	Tollege	Rate of to ton mile.	Number of	Nature of eargo.	St. of the	Value Cargo	Kdt. Tons	Ton.	Manillan noT	Tollage.	of to staff. Soin mot	Number of b	Nature of	Metric Carlo	Valine of Coargo.	Tonnaçe.	Too mileage.	(lot to staff	ton mile.	
		Xde	a				Be A. P.	A. P.			× ×	# F			PE	Re A.P.	A. P.	-		E de	- 4 4 4 A	-	Pa A	-	1	
•	Empty boats	:	!	2	_	2	2 72 8	!	\$	Ashlar	58	1,65	925,850	_	11,166,188	8	=	•	Loss	i			714	-	7	
•	Passanger boats		i	3	=	=======================================	*		**	Stone	8 	1 1	1,156	3	100		 !	25	Ę	1	₀₁	_		•	: इ	
		-	1	i	-	:	i	!	**	Bamboo and	_				-;	•	*						<u> </u>			
		<u> </u>	!	!	:	<u>:</u>	:		~	Earthen pipes	.	B≓ 		p e	3	9 Ø		 : :		H		:: 		! ! 		
		-	l	i	<u>:</u>	!	i	:	-	Pump and ex-			-	_	_;	;										
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			i		-	:	1	-		Passenger boats	!	!	25	~ ·	11	0 22 0	 	:		:	-		-	<u>.</u> 		
•	Total	:		3	2	111	576	9.1 0	2		7,836	1.8	100	3	18,747	0 8 967	5	ä		8	1,987 2	-¦- <u>e</u>	18	╁╾	12	
	Total of same month	4 :	1		:	:		!	:				;	:			<u> </u>] ;						i -	_	
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	Total		<u> </u>	L	<u> </u>	<u> </u>			Ŀ				<u>[</u> :	<u> </u>	 	Ï	ĺī	T				-{ -		十	_	
1	Total of same month	4:		<u> </u>	:	:	1		;			<u> </u>	:] :	┼─			:				-¦	.¦	十	 -	
•	Grand Total		I	3	8	111	6.7		2		ă	1	20	8	18,747,296	8	<u> </u>	S	· ·	ă	7:		14.66 908 0		_	
	Grand total of ser	1 I	i		:	!	-	i	:		l	<u> </u>	:	;	-		Ī	;	•		-			十一		

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

BUXAR DIVISION—SONE CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Buxar Canal for the month of November 1876.

	į	ALE T	PRIVATE TRAPFIC.	,;				STORES AND	MATERI	ALS FO	e irric	AND MATERIALS FOR IRRIGATION WORKS.	WORKS.		:==			ABSTRACT.			·	j	_
_	APPROS	APPROXIMATE	TONSAGE OF	68 OF					APPROXIMATE		TONNAGE OF BOATS.	l		nd per	.manod		T C	<u>.</u>		•••		oll per	
Nature of cargo.	Weight of cargo.	Value of cargo.	Kds.	Mde. Tons.	Ton milcage	Tollage.	Bata of to ton mile.	Nature of sargo.	Weight of Cargo.	Value of cargo.	Mds.	F F F F F F F F F F F F F F F F F F F	Tollage		to radmu V	Nature of traffic.	ourgo.	of of cargo.	Tonnaga.	Ton mileage		of in not	BREALKE
	Mds.	ä		_		Rs. A. P.	A P		Mds.	Rs. A.P.	-	 - 	Br. A	A. P. A. P.	<u>.</u> ا		Mds.	Rs. A. P.		æ	Ro. A. P. 4	A.P.	
•				· • • •	:	:	; 	9 Soorkee clode c.ft.	2,000	140 0 0	8,696	: :	9		÷								
				:	:	:	<u>:</u>	1 Bond Slabs and Ash-	. 23	 	7	:		:	2	Gort. stares	960,4 60,4	145 9 P		1,488	 8		
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Total				:	-			22	*.089	8 8 9	8,8	140	2 2 31	8	22		880.3	165 9 9	10 1,	1,439	1\$ 0 0.	10	
Total of same month					 	I	:	<u>'</u>						<u> </u>	[:		1		¦!				
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	al of same month is year Total is year and Teal and Teal and Teal and Teal and the year.	month month										MISCELLASTRO MISCELLASTRO 15.059 145.9 9	MISCELLANTEOFS.	MINCELLASTOUS.	MISCELLANSOCS.	MINCELLASTOUS. MINCELLASTOUS.	MINCELLASTOUS. MINCELLASTOUS.	MINCELLANTROFS. MINCELLANTROFS.	MINCELLANTOUTS. MINCELLANTOUTS.	MIDCRIAATEOUS. MIDCRIAATEOUS.	Miscretalarsofts. Miscretalarso	Miscellassors. Miscellassors.	MINCELLANTOCK. Mincellantarock.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

BUXAR DIVISION-SONE CIRCLE.

Statement showing the total amount of Traffic and Toils on the Buxar Canal for the mouth of December 1876.

		PRIT	PRIVATE TRAPFIC.	RAPFIC.					ļ 	STORES AND NATERIALS FOR IRRIGATION WORKS.	D MATE	MATERIALS	FOR II	RRIGAT	TOX	WORKS.				7	ABSTRACT.	ş:				j
.ndaod		APPRO	APPROXIMATE	TONNAGE OF BOATS.	10 0 %	,		Toq II	- Market		APPROXIMATE	(TRATE	Tox so	TORRAGE OF BOATS.	i	_	n bec	.estend		otics.					of box	
To redma?!	Nature of carps.	Weight of cargo.	Value of Cargo.	Ž.	Tone.	geolian noT	Tollage	int not req	l lu redmu?.	Nature of cargo.	Weight of Carko.	Value of cargo.	i i	Tons	Ton mileage	Tollage.	Salm of to ton mile.	Number of	Nature of traffic.	Weight of c	van to outaV	.оркипоТ	Ton inflore	Tollage	Rate of to for mile.	BERVERF
		M de	ä	 	- 		Rs. A. P.	á			ļ		Z Z		- "-	Rs. A. P.	A. P.			_	ä	,	 	Rs. A. P.	A.P.	l
				-	_ : 	:				Empty boats		1	8,793		· - •	67 10 8	!	807	108 Govt. stores	-	-	8	6,389	158 8 O		
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i				!	 	!	1		2	Ditto	<u>:</u>	<u> </u>	9,016	- ·- : 	 :	-9 - 22 29 24 20 -	<u>-</u> -	:		-	Ī	:	1	 i	 :	
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:	Bamboos, No. 15,006	<u> </u>	2	!	•:		7 %	_ ! _	:				:	:	: :	:		:	Local	[5		:			
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÷	Grand Total		130	<u>.</u>	: :	:	0 8 1			:	<u> </u>		14.16	 8	6.789	<u>γ</u> οι 	1	38		1	2	897	A,85P	130 10 A		
:	Grand Tetal of same month last year											_ ! _	<u> </u>	<u> </u>	, <u> </u>								<u> </u>	-	T -	:

ABSTRACT.

	TOLLAGE OF	THE TRAB 1-77.	- Tollage of 1871	THE YEAR 1-76.
Cawals.	Durmg the month.	To end of month.	During the corresponding month.	To end of cor- responding month.
ORISSA CIRCLE.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.
draparah	387 13 11	11,174 1 8 2,458 5 8 900 1 4	1,519 10 4 945 1 8 97 15 6	7.766 6 6 9.361 7 8 765 9 11
Total Orisea Circle	2,606 8 7	14,563 8 8	1,868 11 8	10,865 14 8
South-Western Clacks.			ļ	
	1,923 15 S 3,829 B 6	89,881 6 0 81,921 4 7	2,778 2 8 1,660 9 6	26,218 15 8 21,576 9 0
Total South-Western Circle	12,253 7 9	84,802 10 7	5,496 11 9	59,795 8 8
SOUR CIRCLE.				
	1 700 0 0	3,083 0 11 154 6 0	4	******
Total Sone Circle	3,176 6 11	3,176 6 11	*****	
(irand Total	18,036 3 3	1,02,041 10 \$	6,999 7 0	70,688 7 4

G. A. Searle, Col., s.c.,

Asst. Secretary to the Government of Bengal,
in the P. W. Dept., Irrigation Branch.

The 5th March 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 24th February 1877, on 1,279? miles open.

		DOACHIN	e Tra	FF10-		Merchardi	ir vad Miasi	lal Traypic.		TRAI	n Mirze	RUN.
	No. of passen- gers.	Co	aching	receipts.		Weight carried.	Rece	sipte.	Total Trappic Receipts.	Coach- ing.	Merchan- dise.	Total.
		Ra.	A. P.	2 .	d.	Mds. 8.	Ra. A. P.	2 s.d.	Ra. A. P.			
Tutal traffic for the week	162,648	2,48,128	7 8	82,191 11	3	15,44,490 10	8,95,106 9 0	54,551 6 10	8,37, 22 8 0 8	45,304	. 105'021}	147, 410 g
Or per mile of railway For previous	.,,	196	8 8	17 6	11		465 0 8	40 12 6	654 S b	.,,,,,,		***-**
7 weeks of	1,029,513	17,87,648	10 5	163,807 15	10	88,14,005 10	37,04,145 2 6	339,546 12 10	54,91,793 12 11	356,540 }	086,217	1,042,757
Total for 8 weeks	1,101,8%5	20,29,771	1 8	186,062 7		1,01,58,495 20	42,00,250 11 G	391,007 19 8	GB,29,021 13 2	401,894	788,271	1,190,148}
COMPARISON.		}										
Tutal for corre-		ļ							1			
week of pre- vious year Per mile of railway, cor-	123,5514	1,85,658	5 1	17,016 10	11	10,93,638 20	4,40,141 14 _, 5	40,346 6 10	6,25,780 3 6	48,852	75,408	119,255
responding week of pre- vious year		145	0 11	13 5	11		348 14 10	3 1 10 7	48 6 15 9	******		*****
Total to corre- sponding date of pre- vious year	1,040,9794	18,96,235	R 2	178,823 ×		8 3, 07,832 30	39.20 , 311 14 8	505,83R 11 10	5 2,32,567 6 10	388,136	504,523	962,659

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 24th February 1877, on 223} miles open.

		Rs.	A.	P.	£	a.	d.	Mds. 8.	Rs.	A. 1	•	2	B. 4	4	Ra.	A. P		İ	
Total traffic for '	8.516 1	28,165	10	6	2,081	17	0	2,21,019 29	52, 20 3	11 ((,793	11 1	pį į	H0,;530	b (5,4:26)	14,0202	10,4471
Or per mile of railway For previous		1:8	11	0	11	10	9	 .	233	13 (21	8	g) i	859	9 (•••••
7 weeks of half-year	50,925	2,00,001	5	6	18,387	10	10	16,07,479 10	1,30,431	15 (40	,005	10	s a.	37,020	•	39,3752	1,08,401 2	147.7671
Total for 8	59,6614	2,24.707	0	0	20,0 69	7	10	19,14,108 50	4,88.728	10 (_	, **0	2	7,	17,485	10 (41.702}	122,512}	167,2142
COMPARISON.																			
Total for corre- s p o n d i n g week of p c vious year	8,17.44	14,179	14	0	1,327	G	Б	1,01,201 10	21,772	12 (,1 7 9	3 (58,263 i	10 0	4,471	5,716	10,187
Per mile of railway, corresponding week of provious year. Total to corre-		61	11	5	8	18	8	*****	706	• •		9	14 1	!	170	15 6			 .
sponding date of pre- vious year	52,873}	1,68,076	0	0	15,461	19	4	7,04,762 10	1,80,116	2 (10	,510 :	13 13	3,	(H,702	s (88,795	44,728	K1,526

CALCUTTA AND SOUTH-EASTERN STATE BAILWAY.

Approximate Keturn of Traffle for week ended 2Mh February 1877, on 28 miles open.

••	_				
and and there is a second of the second	· (Coaching Trappic.	T	SE AND MINERAL TRAVEIC.	Total receipts
	Number of passengers.	Conclumn receipts	Weight carried.	Receipts.	
the same of the same and the same and the same of the		Rs. A. P. & s. d	I. Mds. B.	Ra. A. P. & s. d.	& s. d.
Total traffic for the week	13,084	1,424 0 0 102 8	0 19,896 0	G65 0 0 60 10 0	229 19 0
Or per mile of railway	396	58 0 0 5 16	6 707 0	2380 270	1
For previous 7- weeks of half-year	73,011	10,035 0 0 1,007 6	0 1,13,610 0	8,476 0 0 387 19 0	1,307 18 00
Total for 8 works	84,125	11,637 0 U 1.165 14	D 1,53,416 O	4,541 0 0 434 2 0	1,610 16 0
Comparison.					
Total for corresponding week of	11,225	1,402 2 6 . 140 4	3 20,002 0	645 15 8 64 8 0	g13 12 3
Per mile of milway, corresponding	1 401	88 4 8 5 6	7 714. 14	25 0 0 2 6 0	7 12 7
Total to corresponding date of previous year	80,571	10,548 11 6 1,054 17	1,85,988 20	4,271 18 0 427 8 7	1,482 1 0

RASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 24th February 1877, on 1581 miles open.

		COACHING TRAFFIC.	·	Murchand	Total			
	Number of passengers.	Coaching reco	eipts.	Weight carried.		receipts.		
		Rs. A. P.	8 s. d.	Mds. S.	Ra. A. P.	£ e. d.	E e. d.	
Total truffic for the week	46,650}	34,020 15 6	8,118 11 9	2,23,042 15	45,861 18 7	4,304 0 1	7,322 11 10	
Or per mile of railway	296	214 15 8	19 14 1	1,409 17	289 12 11	26 11 4	46 5 5	
For previous 7 weeks of half-year	245,8571	1,79,508 7 3	16,454 18 10	11,64,448 21	2,45,795 2 11 23	2,53 1 4 5	38,986 3 3	
Total for 8 weeks	202,50K	2,13,529 6 9 1	19,578 10 7	13,87,485 36	2,91,657 0 6 3	8,736 4 G	46,8UN 15 1	
COMPABISON.								
Total for corresponding week of previous year	44,0%7	28,138 6 6	2,578 18 2	1 ,87,717 v	27,270 8 0	9,40 0 15 11	5,078 14 1	
week of previous year Total to corresponding date of	279	177 12 6	16 5 11	870 10	175 5 2	15 15 11	32 1 10	
previous year	304,296	: 2.50,917 7 11	20,250 15 3	12,81,651 10	2,34,899 1 1 2	1,582 K 6	41,783 8 9	

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 24th February 1877, on 271 miles open.

	·			 · ·						
		Ra.	₫. P.	2	a. d	۱۰	Mds. H.	Ra. A. P.	E a. d.	£ a. d.
Total truffic for the week	2,367	1,202	0 0	130	4 0	1	6,209 0	497 0 0	40 14 0	1 6 0 18 0
Or per mile of railway	67	44	0 0	4	8 0	•	228 0	18 0 0	1 16 0	640
For previous 7 weeks of half-year	16,825	7,970	0 0	787	0 0	<u> </u>	59, 199 0	4,061 0 P	406 2 0	1,203 2 0
Total for 8 weeks COMPARISON.	19,193	9,172	0 0	917	1 0		65,407 0	4,858 0 0	455 10 0	1,373 0 0
Total for corresponding week of previous year	25488	1,033	11 8	; ; 104	7 3	 	13,600 10	967 14 8	98 15 14	205 3 2
week of provious year	NU RU	37	14 11	;	31 21	1	510 8	3641	3 12 6	784
VIOUS SCAP	17,387	8,501	5 I	N	50 Z F	•	96,02 7 0	7,199 × 6	719 19 0	2,579 1 8

No. 11 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 14, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GARETTE may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Unpeer if sent by Post.

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ENDOWMENTS, MEDALS, AND PRIZES.

GENERAL DEPARTMENT.-EDUCATION.-No. 706.

Calcutta, the 10th March 1877.

From—H. J. REYNOLDS, Esq., Officiating Secy. to the Govt. of Bengal, To—The Commissioner of the Orissa Division.

I am directed to acknowledge the receipt of your letter No. 180 of the 20th February 1877, reporting that the Maharajah of Mohurbhunj has made a donation of Rs. 5,000 for the endowment of scholarships in the Cuttack Conlege and Cuttack Medical School, and for the purchase of books and other appliances for the purpose of medical instruction.

2. I am directed to inform you that the Lieutenant-Governor has received this intelligence with great satisfaction, and I am to request that you will convey to the Maharajah the cordial thanks of the Government of Bengal for

this example of his liberality and public spirit.

No. 180, dated Cuttack, the 20th February 1877.

From-T. E. RAVENSHAW, Esq., Commr. and Supdt. of Orissa Tributary Mehals, To-The Secretary to the Government of Bengal, General Department.

I have the honor to report, for the information of Government, an act of liberality on the part of the Maharajah of Mohurbhunj, who visited Cuttack to attend the Proclamation Durbar.

2. He desired to endow scholarships in the Cuttack College and Cuttack Medical School, and placed at my disposal Rs. 5,000, which has been with the Maharajah's approval distributed as below :-

MEDICAL SCHOOL.

Rs. 1,500 to be invested in Government security, which would yield an annual interest of Rs. 60, or a scholarship of Rs. 5 per month in perpetuity, to be called the Mohurbhunj Scholarship.

Rs. 1,000, or whatever sum may be available after purchase of the above Government security, to be devoted to purchase of models, illustrations, medical books, or other useful appliances as may facilitate the promotion of medical instruction.

CUTTACK COLLEGIATE SCHOOL.

Rs. 2,100 to be invested in Government securities yielding interest of Rs. 84 per year, or a scholarship in perpetuity of Rs. 7 per month, for the purpose of aiding poor scholars, natives of Orissa, to prosecute their studies in the collegiate classes.

Rs. 400, or whatever balance may remain after purchase of above securities, to be placed at immediate disposal of the Local Committee of Public Instruction, for the purpose of aiding poor scholars who may be in indigent circumstances, and need assistance to enable them to continue their studies.

3. I take this opportunity of bringing the Maharajah's liberality and

public spirit formally to notice.

LIBERALITY OF BABOO NOBIN CHUNDER ROY CHOWDHUREE, ZEMINDAR OF BAMUNDANGAH IN RUNGPORE.

No. 973, dated Calcutts, the 8th March 1877.

From—J. CRAWFURD, Esq., Under-Secretary to the Government of Bengal, To—The Commissioner of the Rajshahye and Cooch Behar Division.

I AM directed to acknowledge the receipt of your letter No. 39, dated 27th ultimo, with its enclosure, and in reply to inform you that the Lieutenant-Governor is pleased to accept the offer made by Baboo Nobin Chunder Roy Chowdhuree, zemindar of Bamundangah in Rungpore, of a donation of Rs. 20,000 for the construction of a bridge over the Alaikooree river, on the road from Rungpore to Kalligunge, in commemoration of the assumption by Her Majesty the Queen of the title of Empress of India.

2. I am to request that you will be good enough to convey to the Baboo the thanks of the Lieutenant-Governor for his very liberal donation, and for the public spirit displayed by him in making it. The bridge should be called

after the Baboo's name.

3. A copy of this correspondence will be published in the Calcutta Gazette as requested by you.

No. 39, dated Julpigoree, the 27th February 1877.

From-Lord H. ULICK BROWNE, Commr. of the Rajshahye and Cooch Behar Division, To-The Secretary to the Government of Bengal, Political Department.

I HAVE the honor to submit in original a letter dated 3rd February 1877 from Baboo Nobin Chunder Roy Chowdhurec, zemindar of Bamundangah in Rungpore, to the address of the Magistrate, offering a liberal donation of Rs. 20,000 for the construction of a bridge over the Alaikoorce river, on the road from Rungpore to Kalligunge, in commemoration of the assumption of the title of Empress of India by Her Majesty. The Magistrate has since reported that Rs. 20,000 have been deposited in the treasury.

I recommend that the Baboo's offer be accepted, the thanks of Government being conveyed to him, and the correspondence published in the

Calcutta Gazette.

Dated the 3rd February 1877.

From-BAROO NOBIN CHUNDER ROY CHOWDHURRE, Zemindar of Bamundangah in To-The Magistrate and Collector of Rungpore.

WITH a view to mark the assumption by Her Majesty of the title of "Empress of India," I thought of erecting a bridge at Alaikooree on the road to Kalligunge, and in order to have it done quite up to my mind, I invoked the aid of Government for the management and superintendence thereof, and as you had the goodness thereon to send me an estimate of Rs. 20,000, duly served up by the Government Engineer here, I accordingly deposited half the amount on the 1st instant, and am ready forthwith to despatch the remaining or demand. With highest regards, &c. &c.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 10th March 1877.

	_				- =		•	
	No.		District, as		ite oi	r 	Rainfall at Sudde Station is metes.	r. Character of the weather, state and prospects of the crops, and
BI	NO	ł A I	ia.					
			Western D	ietri	cts.			
		1	Bordwan,	Mar.	. 129	*77	Nil	There was a hail-storm on the evening of the 10th instant, but no perceptible rain. The prospects of the crops are good. The public health is fair; only a few cases of cholera reported. The sub-divisional officer of Culna reports that cattle disease is raging in his jurisdiction.
17 M.		2	Bankoora,	**	10	,,	Nil	Weather—Dry and hot. The cold-weather crops generally are being resped with good outturns. The sugarcane is only an eight-anna crop.
BURDWAN DIVE.		3	Beerbhoom,	7*	10	.,	Nil	Weather—Hot and bright. State and prospects of the crops continue good.
EDW.	ļ	4	Midnapore					Return not received.
Bri		5	Horghly,	••	10	•	-08	Weather—Close and warm. Generally foggy in the morning. There was a dust-storm on the evening of the 6th instant, followed by a few drops of rain. The ploughing of the rice land is still going on. The harvesting of peas, musari, gram, and teors, is almost over. Vegetables are doing well. The public health is normal. Cholera in a sporadic form prevails here and there.
	l		Howrah,	••	10	- !	Nil	The hot weather has not in. There are no crops on the ground at present.
			Central I)istri	cla.			
	(6	24-Pergunnahs,	Mar.	.12,†	777	-08	Weather-Occasionally cloudy and warm. There are almost no crops on the ground except sugarcane and vegetables. Public health is generally good.
PRESIDENCY DIVE		7	Nudden,	71	10	•• ;	Nil	Weather—Damp and hot. Fogs in the morning. A little rain on the 4th instant. The rabber crops on the ground look well and are ripening. Sugarcane is being extensively planted. Preparations for the early rice sowings are forward.
Preserv		8	Jessore,	••	10	,	-26	Weather—Warm and steamy. The crops are generally good. The winter crops in the north are being gathered, and the rain has been favorable for ploughing.
		9	Moorshedabad,	••	10	* !	Nil	Wenther—Hot. The rubber crops are doing well, except in than Mirzapore, where they have suffered from the rains. Pens, lentils, and linseed, are being reaped in most parts. <i>Boro dhou</i> , or spring rice, is promising, and is still being sown in parts. The prospects generally are favorable. Health is good.
1	1	0	Dinagepore,	15	9 .	•	Nil	Wenther—Growing warm; mornings cloudy; strong wind from the west. The subber crops are promising; they are not yet fit for harvest.
Divs.	1	1	Knjshahye,	,.	10	• :	Xii	Weather—Gradually getting hotter, though mornings and evenings are tolorably cool. The prospects of the rubbes crops are still favorable. The transplanting of spring rice continues, also the sowing of lik.
Bena	1:	3	Rungpore,	**	9	" :	Nij	Weather—Getting warm. The state and prospects of the rabbee crops continue to be good and satisfactory. Ground is being prepared for the early rice.
Cooca	38	3	Bogra,	9*	10	<u>,,</u> :	Nil	Weather-Fair. The mornings from the 9th instant are misty. Pulses are being gathered with good outturn.
6	14	s	Pubra,	••	10	 ļ	.2	Weather-Seasonable. State and prospects of the crops are satisfactory.
RASSEARTE AND COOCH BEHAR DIVE.	16	5 1	Darjoeling,	••	9	.	·15	Weather—Milder. Sunshine in the early part of the week. Wheat and barley on the ground are progressing favorably. Land is being prepared for the next sowings.
2	36	;	lu)pigorce,	•,	10	, i	Ni)	Weather—Cletting warmer every day. About twelve annus of sugarcane bave been gathered. The tobacco harvest has commenced.
ţ	•	k	Zooch Behar,	•	8	•	Nil	Wenther—Fair It is becoming warm. The fields are still being prepared for the bitri rice and jute, and the sowings have commenced in some places. The tolmeco crop continues favorable and will have to be very soon reaped. The general health is reported to be good.

[•] Tolegram of the 12th March shows rainfall during the seven days immediately preceding.

[†] Report of the 12th March shows rainfall during the seven days mamediately preceding.

N	io.	District, s ret	and dat urn.	e of		Rainfall at Sudder Station in inches.	
E	IADY	—(Continue	ł.)				The state of the s
		Rastern	Distri	cis.			
ſ	17	Dacca,	Mar.	12*	777	· 3 9	There have been heavy fogs on three mornings; otherwise the weather has been seasonable. The crops continue to be very favorable.
 	18	Furcedpore.	11	10	••	-50	Weather—Cloudy, with occasional rain and wind. Mornings foggy. '34 of rain a Gualundo, and 2:20 at Madaripore. The prospects of the crops are generally satisfactory. The spring crops in some places are reported to have been damaged by hail. Health of the district is good.
	19	Rackergunge	•	8	•	2:20	Whether—Scasonable. The crops are good, save in the wave-stricken tracts There were gales on two days of the week. The health of the district ha improved, but cholers in a sporadic form is still present in thanss Backergunge Mendigunge, Gournadi, Golschipa, and Bowful. The cattle are reported to be in good health everywhere.
1	20	Mymensingh,	, ,,	9	•	Nil	Weather-Slight rain and storm in places on the 6th instant. The state are prospects of the crops are favorable.
l	21	Tipperah,	••	9	•	2:45	N'cuther-Stormy, with more rain than usual at this time of the year. The spring rice is doing well.
	23	Chittagong,	**	8	•	-85	Weather—Moderately cold. Cloudy on the 5th and 5th instant, with rains a intervals, accompanied by lightning and hallstones. The hall has slightly injured the cold-weather crops in some places. The rain will assist in sowing the paria aust. Cholera is reduced to a few sporadic cases in village scattered over the whole district.
1		Noukholly	****	8	•	·13 ·	Weather—The high winds which began on Monday, the 5th instant, have continued to the end of the week. The slight rain on the 5th has had the effect of lowering the temperature. Ploughing for the early rice has begun Cholera has much abated. Some truy cases of small-pox have been reported from the Sudharam station.
	24	Chittagong I Tracts,	**	6	"	*8	Weather—Cool in the morning and hot at noon. The hill people are busil engaged in catting their jooss. The prospects of tobacco are on the who good.
	l	 Hill Tipperal	h, "	7		-39	Weather-Warm. A good deal of wind and a little rain on the 5th and 6th
E	HAR						instant. State and prospects of the crops are satisfactory.
	25	l'atna,	Mur.	12*	'77	Nil	Wenther—Growing warm. The rabbee crops are being reaped in some place with a fair outturn. Health is good.
	26	(łyn,	11	10	,,	Nil	Weather—Warm with light easterly winds. The maximum reading of the thermometer in the shade was 94.4. State and prospects of the crops continuously. Public health is generally good. Small-pox is appearing in son villages in the Nowadah sub-division.
	27	Shahabad,	••	10		Nil	Weather—Getting hot. Peas and sassoor are still being harvested. The rubb crops generally promise well. Small-pox is reported from thanss Ramgus and Bhubooah.
	28	Durbhungs,	,	10	**	Nil	Weather—Mornings are still pleasant; days are warm. State and prospects the rubbes crops are quite satisfactory.
	29	Mozufferpore	is, ,,	10	.,	Nil	WeatherHeasonably warm. The prospects of the rubbee crops are everywhe good. A few cases of small-pox are reported in the jurisdiction of Suran outpost. Otherwise the public health is good.
	30	Marun,	99	10	"	Nil	Weather—Clear and bright; still cool in the mornings and evenings, as getting warm in the day time. The thermometer has risen very rapidly the last 24 hours. The rubber crops are ripe and are being harvested; to entturn is expected to be very good. Opium is being gathered. The sowing of indigo have commenced. General health is good.
	[31	Chumperun	, ,,	10	••	: Nil	Weather-Hot during the day, and coul at night. The prospects of the rubb crops are very good.
	82	Monghyr.	91	, 10	••	xa	Weather-Fair. The rubbee harvest is now beginning, and the outturn expected to be good.
JIL	33	Bhagulpore	, ,,	, 12	٠,,	Nil	Wenther-Fine. The crops are good; also the health of the district.
7 2	34	Parnesh.		10	"	Nil	Weather—Seasonable. State and prospects of the crops are favourable.
BHAGTI PORE LIVE.	35 	Muldah,	,,	, 10	* **	Nil	Weather—Fair and daily getting warmer. The first three days of the we were occasionally cloudy. The wind was variable; in the latter part of a week it was from the south-east; its temperature varied from 63° to 8. The crops are all good. Cholera is almost disappearing.
	S	Southal Per	gha. "	11	**	lik	Weather—Getting warmer. Hailstones fell in Doomks on the evening of tallth instant. Heavy clouds and rain in the hills. There is nothing particulate note about the crops this week.

	(o.	District,	and da turn.	te o	•	Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
ORI	BRA.	•					
× (87	Cuttack,	Mar.	10	777	Nil	Weather—Hot and dry. The winter crops are reaped. No other crops on the ground at present. Cholera is rather prevalent owing to influx of pilgrims.
ORIDEA DIVE.	38	Poores,	11	9	•	Nil	Weather—Fair. '11 of rain at Khoordah. Some of the dalas paddy is in ear. Ploughing is still going on briskly on the low lands. The shipment of rice still continues, and the prices are stationary. Cholera is reported from almost all parts of the district.
`{	39	Balasore,	,,	9	,,	-02	Weather—Mostly fine. The ploughing continues. Sporadic cholera is present, chiefly along the pilgrim route, and a few deaths from small-pox are reported. Cattle disease has decreased.
CH	ATC	nagpore.					
		South-W Age		ontic	r,		
	40	Hazareebagh	, Mar.	9	77	Nil	Weather—Seasonable. The wind is becoming hot during day time. State and prospects of the crops are satisfactory.
	41	Lobardugga,	•	10	**	Nil	Weather—Sessonable, but beginning to get very warm. The prospects of the crops are the same as reported last week. General health is good, except in Palamow, where cases of small-pox are still reported.
	43	Singbhoom,	••	9	••	Nji	Weather—Scasonable. Pulses and wheat are being gathered, and the yield of both is satisfactory. No other crops on the ground. Moses and mange are most promising. The district is reported healthy.
	43	Manbheom,	•	10	••	Kil	Weather—Seasonable. The only crops now on the ground are gram and barley, which are looking well.

CALCUTTA, STATISTICAL DEPT., The 13th March 1877.

Published for general information.

H. J. S. Corron, Jr. Secy. to the Goot. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

OFF	Dier	ricts.		Втатіоне.			E 60 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FROM 18T IVARY 877.	Remarks.	
DIVISIONS	<u> </u>			-		Rain f to 94th 1877.	Rain fron Feb. t	Inches.	Up to date.		
BE	NGAL.										
	Wester	Distric	76,			Inches.	Inches.		1877.		
	į		ſ	Burdwan		Nil	Nil	2-19	3rd March		
	Burdwan		{	Cuiwa Culma		ditto ditto	ditto ditto	2·61 3·47	ditto ditto		
l		•••	Ì	Bood-Bood Raneegunge		ditto 0.03	ditto ditto	2·07 8·06	ditto ritto		
- 1	, .		٦	Johanabad	•••	Nil	ditto	8.71	ditto		
	Bankoora	•••		Bankoora Sooree	•••	ditto	ditto	2:40	ditto		
.	Beerbhoom		}	lietampore		ditto ditto	ditto ditto	4.67 4.80	ditto ditto		
DUKBWAN			٦	Midnesses	•	ditto ditto	ditto	3-64 6-05	ditto		
				Tombash	•	ditto	ditto ditto	5·13	ditto ditto	! !	
	Midnapore		-{	Ghattal (Dy. Collr.'s Offic		aitto Git t o	aitto ditto	4·17 4·67	ditto ditto		
	}			Contai Exc. Engr.'s Of		ditto	ditto	2:02	ditto	Not was 4th to 10th ==1	
	Hooghly		. <u>}</u>	Hooghly Serampore		ditto	ditto ditto	3·63 4·40	ditto ditto	Not rec. 4th to 10th Feb.	
١	l			Howrsh		ditto	ditto	5.22	ditto		
Ĺ	Howrah	 De amb 1 30	٠,	Maheshrekha	•••	ditto	ditto	5.14	ditto	!	
	CENTRAL	DIBLEICI	١	Saugor Island		ditto	ditto	6.50	ditto		
	İ		-11	Calcutta Alipore { Dispensary	•••	ditto ditto	ditto ditto	5·16 5·37	ditto ditto		
]			Bussoerhat	•••	ditto ditto	ditto ditto	5·67 4·15	ditto ditto		
ſ	24-Pergunn	abs	۳í	Rereset Diamond Harbour	***	ditto ditto	ditto ditto	4 :26	ditto ditto		
	}		Ш	Barripore Satkhira		dicto ditto	ditto ditto	6.38 4.40	ditto ditto		
ı			U	Barrackpore Dum-Dum		ditto ditto	ditto ditto	4·03 3·94	ditto		
ļ	l			Kishnaghur Rongong		012 Nil	ditto ditto	9.48 9.45	ditto Titto	İ	
:	Nuddea		.{	Meherpore Choosiangs	•••	ditto ditto	ditto ditto	1·74 3·13	ditto ditto		
			ч	Kooshtea Ranaghat		ditto ditto	ditto ditto	2·60 3·17	ditto ditto		
				Jessore Nurrail		ditto ditto	ditto ditto	7.27 7.83	ditto ditto		
1	Jesuore		. 4	Khoolna Jhenida	•••	airto ditto	ditto ditto	3·à6 2·70	ditto ditto		
1			ij	Bagirbat		ditto ditto	Not rec.	4·80 2·66	24th Feb. 3rd March		
Ī			il	Herhampore Kamporehaut		ditto ditto	ditto ditto	4 54 4:30	ditto ditto	· !	
Į	Moorshedab	e d	.!	Lalibegh Jungypore	•••	ditto dit t o	ditto ditto	5:39 4:70	ditto ditto		
•				Azingunge		ditto ditto	ditto ditto	3 UG 4 96	ditto		
	j		4	Kandeo		ditto	ditto	8.43	ditto		
ſ	Dinagepore		. {	Dinagepore		ditto ditto	ditto ditto	1·58 2·75	ditto ditto	-	
	Maldah		. {	Maidah Chanchal		ditto 0.03	ditto ditto	2·44 2·61	ditto ditto	; i	
	Rujshahyo		. {∣	Bauleah Nattore		Nil ditto	ditto ditto	4·39 4·01	ditta ditta	· 	
	1		r	lluugpore		ditto	ditto	1.81	ditto		
	Rungpore		{	l'howanigunge Kurigram	•••	ditto ditto	ditto ditto	1.80	ditto ditto		
				Hagnogra	•••	ditto	ditto	1'46	ditto		
-	Bogra		{	Rogra Sherpore Pauchbibi	•••	ditto ditto	ditto ditto	9·11 3·27	ditto ditto		
	1		7	D-1	•••	ditto	ditto	1.36	ditto		
l	Pubna		- {	iruona Serajgunge	•••	ditto ditto	ditto ditto	4:01 3:21	ditto di tto		
r	Darjoeling	•••		Darjeeling Telegraph Of		ditto di tt o	Not ree. Nil	2·65 3·62	24th Feb. 3rd March		
۱				Inhim	•••	ditto	dito	1.21	Brd March ditto		
	Julpigores		1	Jupigoree Isodah Alipore	•••	ditto Not ree.	ditto	9:40 0:71	ditt 27th Jan.		
	a militaria			Buza—Civil Surgeon's Of Titalya		Nil ditto	Nil ditto	1.26 3.10	3rd March ditto		
	Cooch Behr	r Tyihute		Cooch Behar	•••	ditto	ditto	1.68	ditto		
1	States.		"		•••			2 40	raites		

1	Districts	i	SZAT	lone.	Rain from 19th to 24th February 1677.	Rain from 25th February to 3rd March 1877.	JAT	PROM 182 FUARY 877.	RWAREL.
DIVISIONA		•			Rain fr to 94th 1877.	Rain fre Februa March	Inches.	Up to date	1
.—	ENGAL.—(Confid	-			Inches.	Inches.		1977.	
	EASTERN DIST	ricts.							
ſ	Dacca	{	Dates & Hou	graph Office	Nil ditto	Not rec. Nil ditto	8-19	34th Feb. 3rd March	
		l	Moonsbeegunge Manickgunge Furreedpore		ditto	ditto	5.91 3.25 1.98	ditto	
DACCA.	Furresdpore	{	Goalundo Madaripore		ditto ditto	ditto ditto	273 294	ditto ditto	
ă	Backergunge	-{	Burrisal Perozepore Patocakhally Bhela	•••	ditto ditto ditto ditto	Not rec. ditto ditto ditto	4·15 4·+0 6·18 0·40	24th Feb. ditto - ditto	From 4th February.
Į	Mymensingh	{	Mymensinh Jamalpore Atia Kishoregunge	*** **** ***	ditto ditto ditto ditto	Nil ditto ditto ditto	2·55 2·54 2·76 2·30	3rd March ditto ditto ditto	
ſ	Chittagong	{	Chittagong { To	ilegraph Office	ditto ditto ditto	ditto ditto ditto	8-70 4-11 1-68	ditto ditto	
	Noakholly	{	Noakhelly Fenny	•• •••	ditto ditto	ditto ditto	4·41 3·29	ditto ditto	
CETTIAGONS.	Tipperah	{	Comillah Brahmunbariah	•••	ditto ditto	ditto ditto	2-97 5-36	ditto ditto	
5	Chittagong Hill	Crecte	Rungamatee Hi Hill Tipperah	u	ditto	ditto ditto	6-23 4-19	ditto	
BEI	IAR.]	•••					
	Patna	{		Jail Cantonment	0°90 0°54 0°45 0°90 0°20	ditto ditto ditto ditto ditto	2·70 3·60 2·74 2·68 2·38	ditto ditto ditto ditto ditto	
	Gya	{	Gya Nowadah Arungabad Jehanahad	***	O-64 Not rec. Nil	ditto ditto ditto	3.16 0.60	ditto ditto ditto ditto	Not rec. 18th to 24th Feb. Not rec. 18th Jan. and 4th to 10th Feb.
	Shahabad	}	Arrah Basseram Buxar		1:08 0:19 Not rec.	Not rec. ditto	5°10 5°60 4·42	24th Feb. ditto 17th Feb.	
	·		Bhuboosh Mozufferpore	•••	0·19 Not rec.	di to Nil	4·60 2·67	24th Feb. 3rd March	Not rec. 19th to 24th February.
1	Mufferpare	{	Hajeepore Soutamurhee		ditto ditto	ditto ditt.	2.83 331	ditto ditto	1) tto ditto. Ditto ditto.
	Durbhunga	{	Mudhoobunnee		Ores Nil ditto	ditto difto difto	3·75 2*74 2*95	ditto ditto ditto	
į	Saruu	{	Sewan	··· ···	0:43 0:38	ditto ditto	3·67 4·07	ditto ditto	
l	Chumparun	{	Segowlio		0:22	ditto ditto Not rec.	4·54 4·08 4·06	ditto . ditto 24th Feb.	
ſ	Manghyr	{	Regoomrai		0 48 0 25 1 00	Nil ditto ditto	4.29 7.91 5.91	3rd March ditto ditto	
BEAGULPORE.	Bhagulpora	{	Soopool Muddebpoors Hanks	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	0-27 (r03 Nil (r40 Nil	ditto ditto ditto ditto ditto	2·58 2·76 2·76 3·63 2·17	ditto ditto ditto ditto dilto	
BEAG	Purnesh	{	Purnceh Kimengunge		ditto	ditto ditto ditto	1.71 1.33 1.90	ditto ditto	
		1	War Danish		O-30	ditto	4.39	ditto	
Į	Sonthal Perquans	ba {			Not rec.	ditto	0.80	ditto	Not ree, 14th to 20th Jan, and 18th to 24th February.
		- 11	Codda		0:31	ditto	3.74	ditto	Ditto ditto.

TO TO	Duraiera.	Stations.	Rain from 18th to 94th February 1877.	from 25th to 2nd reb 1877.	JAI	PROM 187 FUARY 877.	Remarge.
Divisions.			Bain to 944 1877.	Rain fro Feb. 1 March 1	Inches.	Up to date.	
ORI	68A.		Inches.	Inches.		1877.	
ſ	Cuttack	Cuttack { Telegraph Office Hospital Jajpore Kondraparah Jugutaingpore False Point	Nil ditto ditto ditto ditto	Nil ditto ditto ditto ditto	9-00 1-84 8-05 4-80 1-70	3rd March ditto ditto ditto ditto	
3	Pooree {	Ponree Khurdah	ditto ditto	ditto ditto	3·17 3·27	ditto ditto	
ORIMA	Balasore {	Halasore { Exc. Engr.'s Office Collector's Office Bhadrack Jellasore Sorah Chandbally	Not rec. Nil 0'03 Nil 0'90 Nil	ditto ditto ditto ditto ditto ditto	3·10 3·31 7·89 5·73 3·46 5·48	ditto ditto ditto ditto ditto ditto	Not res. 18th to 24th February.
į	'uttack Tributary Mehals	Sambulpore	ditto	ditto	5-67	ditto	
	CHOTA NAGPORE. South-Western Frontier Agency.						
	Hazareobagi {	Hazareebagh { Jail Dispensary Pachungha	ditto ditto 0:05	ditto ditto ditto	4·67 4·94 4·39	ditto ditto	
	Lohardugga }	Ranches Palamow	0 14 Nil	ditto ditto	6-81 4-05	ditto ditto	
	Singbhoom {	Chyebasaa Puralish Govindpore	ditto ditto U-12	ditto ditto ditto	5:96 3:76 5:84	ditto ditto	
	ABSAM & ADJACENT HILLS.						
	Sylhet	Sylhet	Nil .	ditto	477	ditto	
	Seebeauger	Seebsanger (lelaghat	0.08 Ail 0.03 Nil 0.21 0.04 0.10 0.03 0.03	Not rea. ditto ditto ditto ditto ditto ditto ditto ditto ditto	1-83 1-46 1-77 2-36 1-77 1-57 1-79 2-26	21th Feb. ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto	
	RAJPOOTANA }	Alwar	Nil ditto ditto	Nil ditto ditto	0.40 N:1	3rd March ditto	•
	}	Jaipur	ditto	ditto	0-69	ditto	

CALCUTTA, The 10th March 1877.

A. PEDLER,
Offg. Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 4th to 10th March 1877.

	}		Barouseter	Barometer	TRRBE	MATER.	<u>⊁</u> 3	W:me			1	391- 41
STATIONS.	Date.	Hour.	reduced to 82°.	reduced to sea- level.	Dry.	Wet.	Hamidity Sat.=100.	Direction.	Val. city.	Rain.	Clouds.	mit als.
	Mar. eth 5th 6th 7th 8th 9th	10 16 10 16 10 16 10 16 10 16	20-983 29-142 20-949 30-740 24-943 26-911 29-904 29-865 20-904 29-845 20-847 29-848	30-107 29-140 29-848 21-808 21-808 21-819 31-813 29-883 29-883 29-883 29-865 29-865 29-865 29-865	80°0 65°5 79°3 85°1 86°9 79°5 60°1 88°5 82°0 87°0 83°5	67-2 67-0 7-4-0 76-0 73-0 74-5 76-5 72-6 74-6 74-8 77-8	48 84 70 48 78 46 7- 39 70 44 70 65 71	ENR BSW SSW SSW SSyW ShyW ShyW ShyW ShyW ShyW		0.03	C CS K C C CS K C CS K C CS K C CS K C C CS K K C C C C	
	Mar. 4th 5th 6th 7th 8th 9th	10 10 16 10 16 10 16 10 16 10 16 10	20-987 20-930 26-930 29-930 29-93 29-63 29-63 29-63 30-007 20-988 20-979 20-974 20-935	20 903 20 805 20 805 20 846 20 878 20 869 20 903 20 903 20 903 20 903 20 903 20 903 20 903 20 903 20 903 20 903 20 841	78 81 70 81 81 82 81 82 83 83	75 75 75 76 74 77 77 77 77 77	43 74 74 75 79 75 79 70 70 70	W W W B B W W B R W B R W B R W B R W B R W B R W B R W B R W B R R W B R R R W R R R R	8.6 8.3 4.5 9.2 15.1 16.0 9.5 9.8 6.2 10.3 10.8 14.2 13.3 15.6	010 101 000 111 000 111 010 111 010 111 011 111 011 111 011 111 011 111 011 111	PK PK PK K K C K K K K K K K K K K K K K	5, m th, m th, m th, m th m some th, m th m some th, m th th th th th th th th th t
C	Mar. 4:h 6th 6th 7th 8th 9th	10 16 10 16 10 18 10 16 10 16 10 16	29-888 21-770 29-884 29-7.95 20-7.95 20-7.95 20-7.95 29-850 29-850 29-850 29-850 29-850 29-850 29-850 29-850	20-9-3 29-868 30-978 20-915 29-913 30-95 30-95 30-915 30-915 30-915 30-928 31-928 31-928	77 89 70 79 77 82 76 75 83 84	66 70 68 71 70 71 65 66 68 70 66	63 64 78 60 60 60 60 60 60 60 60 60 60 60 60 60	N K W N W Calm W N W Calm W N W E E W S W Calm W N W E W N W W N W	1-6 4-8 8-3 4-7 10-6 6-6 18-3 7-4 2-0 8-9 8-9	0-50	C, CS C, CS C, CS U	6, 0 6, 0 6, 0 7, 0 6, 0 8, 0 6, 0
TABLES.	Mar 3rd 4th 5th 6th 7th 8th	10 16 10 16 10 16 10 16 10 16 10 16 10	30'074 28'951 30'024 29'990 29'949 30'016 20'076 20'076 20'941 80'036 29'899 30'010	50'097 59'973 50'046 29'933 30'019 24'873 30'038 29'99 29'99 29'98 30'032 29'98 29'98 30'032	84 85 84 86 87 83 84 89 86 85	71 71 74 74 74 74 74 74 74 74	67 47 45 45 67 61 61 65 65 65 67	SR by E K SSE SR S by W SE by S S by E SE by N SK by R K by R K by R SK by E SK by E SK by E SK by E SK by E SK by E SK by E SK by E SK by E SK by E SK by E	7 10 7 12 11 13 10 13 6 6 9			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
CATANGE	Mar. 4th 5th 6th 7th 8th 9th	10 16 1·1 16 10 16 10 16 10 16 10 16	20-951 20-743 20-871 30-747 30-747 30-925 29-905 29-915 30-702 30-915 9-15-915 9-75-7	30*014 29*814 29*154 19*13 29*157 29*18 30*107 12*865 31*027 20*817 29*817 12*838	81 82 81 80 85 86 85 85 85 85 85 85 85 85 85 85 85 85 85	71 67 69 60 70 70 71 70 70 74 71	69 27 40 18 61 38 42 28 61 24 55 52	88 M 88 M 8 M 8 M 8 M M M M 8 2 M 8 2 M	1.4 3.2 1.0 3.9 2.4 10.8 4.8 4.1 9.5 4.7 2.4 5.9 4.2 8.4		C C, CK, C C C C C C C C C C C C C C C C	6 8 6 6 6 6 6
ARTAB.	Mar. 4th 5th 6th 7th 8th 9th	10 16 10 '6 ,10 10 10 10 16 10 16 10	20:955 20:955 20:955 20:956 30:955 30:955 30:955 20:896 20:986 20:986 20:986 20:986 20:986 20:986 20:986	20-074 28-683 20-287 20-287 20-287 20-285 21-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285 20-285	83 34 80 79 74 81 76 81 83 83	71 74 70 71 71 70 60 71 70 60 71	50 00 58 60 86 67 63 69 59 59 59 59	N W E N E E N E E N E E N E E N E E N E E N E	3.6 81 87 4.5 3.9 8.8 8.8 9.0 7.6 3.3 11.0 4.5 6.6 3.7		K	5. 5. 5. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.

A. PEDLER,
Offg. Metavrological Reporter to the
Government of Bengal.

CALCUTTA, The 10th March 1877.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 7th March 1877.

					,.						<u></u>			,	
		i i	THE	RMOMI	mr.			Ė	bemidity.	Win	FD.				
Mont b.	Date.	Mean reduced barometer.	Highest reading.	Lowest reading.	Max. solar radi-	Mean dry bulb.	Mean wet bulb.	Computed mena point.	Mean degree of hum	Prevailing direc- tion.	Max. pressure.	Daily velocity.	Kain.	Moon's phasen.	General Remarks.
		Inches.	0	0	0	Ī	0	0			10	Miles.	lu.	Ϊ	
Mar.	1st	80*005	87.0	# 6 U	1::8 5	76.0	61.0	57 ·1	0.24	" B W & K		97:0			Chiefly clear.
	2nd	29 975	87.0	67·0	140-5	70-5	65.2	57·8	-54	w x w w		111.2		j	Cirri and clear.
	3rd	30-000	88.0	67°5	142'0	77.7	60-8	69 ·2	-55	N T R M		104-2	•••		Clear and cirri.
	4th	29-920	86-5	69 .n	141.2	77:5	080	61.8	-59	s w		85-8			Clear, cirri and stratoni.
	6th	-864	86.2	73-5	144.0	78-3	71.6	66-9	-00	W & & W &		102.8	•••		Stratoni, cumuli and clear.
	eth	-88 U	88-5	73·5	141-7	79-2	78-4	60-3	-73	8 by W & 8 s W	1.6	i 79-5	Cr-8		Overcast and cirri. Lightning from 61 to 11 p.m. Thunder at 72, 10 and 11 p.m. Light rain at 8 and 101 p.m.
	7th	-918	88.0	68-5	1 42 ·0	77-9	70-8	65.2	-67	8		3:4 ·0		•	Cumuli and clear. Light- ning at midnight. Drizzled 7 and 8 a.m.

The mean barometer, as likewise the dry and wet bulb thermometer, means are derived from the

twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days The maximum temperature during the past seven days The maximum temperature during the corresponding period of the past year	•••	⊕ 22·5 88·5 86·6
The mean humidity during the past seven days The mean humidity during the corresponding period of the past year	•••	0·62 0·79
		Inches.
The total fall of rain from 1st to 7th by lower rain-gauge by anemometer gauge	•••	0·03 0·01
Ditto ditto ditto, average of twenty-three previous years		0.74
Ditto ditto between the 1st January and the 7th March	•••	5.19
Ditto ditto ditto, average of twenty-three previous years	•••	2.25

The 10th March 1877.

GOPERNAUTH SEK. In charge of the Observatory.

PUBLIC WORKS DEPARTMENT, -BENGAL.

GENERAL ESTABLISHMENT.—No. 92.—The 10th March 1877.

BRAHKAPOOTRA.	Gowhatty.			Height over mean sea-level.	######################################
BRAEK	8			Height below zero of gauge.	
-	spar.	-04	aund	Height over men	
GIRCIEER.	Kishnaghur.		-mediofi muri		
RIVER BEAGISCIES	npore.			Height over mean	+ = 25.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Berhampore			Heists of gauge.	\$
- "	ndo.	471	Prom Rampore declarati	Height over mean	24444444444444444444444444444444444444
	Gostundo.	-109	सन्त्रक्षाञ्ची वाणनी	Hei.ht over zero of gauge.	
	Rampore Bauleah.	-06	-લંગાજી લાલ્યું સ્મૃતમાત્ર	Height over mean ex-level.	######################################
	Rampore	-145	From Benares	Reight over zero of gause.	24222222222222222222222222222222222222
	Scheheunge.	.46	Prom Monghyr	Height over menn sea-level.	
	Byhe	.T9C	 sousmoli mort	Height over zero of gauge.	
RIVPR GARGE.	Mongher.	.011	नाज्यताता वालाप्र	Height over mean sen-level.	######################################
RIV	×	-18F	wind Bennius	Heigh ever a zero of gruge,	
	Dinapore.	-48	From Busar	Heirlit : Height overzem over nican of gauge - sen-level.	
-	a	-41	พวรสถายี เกตาใ		
	Buxar.	-06	From Benarios	t Hight ro erer mean 8. sea-krel.	
	_			t Height an over zero el. of muse.	
	Benarea			ht Height er over mean g. 1882-jevel.	
	_	PII TE	Distance.	Height over zero of gaug :.	
			Date		

J. E. T. Nicolls, Major-General, R.E., Secy. to the Goot. of Bengal, P. W. Department.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 3rd March 1877, on 1,279? miles open.

		Coachine Trappic.			771C.	Merchandier and Minnral Trappic.							TRAIN MILES RUS.							
	No. of passen- gers.	0	loac	hin,	receipte			Weigh carrad			ы	lec	oipts.			Total Traffic Receipt	C	Conch- ing.	Merchan- aise.	Total.
Total traffic for		Ra		. P.	£	e.	d.	Mds.	¥.	IL.	A.	P.	4	s. c	ı.	Rs. A.	P.			
the work	155,992	2,18,71	6 10	3	20,019	0	6	12,98,616	30	5,39,733	8	6	40,475	11	۵,	7,53,450 2	9	41,0931	303,R08	148,501
Or per unic of railway For previous	•••••	17	D 14	6	18	13	4	*****		421	13	0	38	13	8	592 10	6	*****	******	•••••
8 weeks of half-year	1,176,885	20,09,7	1 1	8	114,220	0	4	1,01,31,531	20	42,7 L 150	6	D	391,797	3	5	82,83,921 8	5	401,8961	788,±71}	1,190,1 6 0
Total for 9	1,832.877	22,24,48	7 11	11	201,278	0	10	1,14,30,651	10	44,13,443	15	3	441,275	18		70.42,37L 11	:	416,590	H92,079)	1,338,660
COMPARISON.																				
Total for corresponding week of previous year Per mile of railway, cor-	182,107	2,01,06	y (. 9	18,431	•	9	10,06,426	10	4,58,509	u	0	40,305	18	1	6,39,677 14	Đ	44,109	70,061	120,630
responding week of pre- vious year Total to corre- a p o n d i n g	*40	18	7 1	. 10	14	8	1	******		343	11	8	31	8	4	400 13	6			******
date of pre-	1,182,139}	20,97,32	3 8	11	103,254	13	3	95,03,959	0	37,74,021	13	8	: 316,034	9 1	! !!!	58,72,245 B	7	432,305	071,184	1,103,489

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 3rd March 1877, on 2233 miles open.

Total truffle for		Ba.	A. P.	£		ď.	Mds. 8.	Ra. A.	P.	B 0.	d.	Ra.	A. F			·
the week	8,262	23,636	0 6	2,15	7 9	5	2,21,474 20	62,762 13	0	4,835 13	5	76,288	13	6 4,031	12,452	17,108
Or per mile of railway For previous	•••••	105	8 0		13	10	******	235 12	3	21 13	3	340	16			•••
8 Weeks of half-year	62,441 }	2,48,757	0 0	21,80	2 14	6	18,04,355 20	4,57,0:1 2	0	41,893 12	1	7,05,778	2 (44,702)	122,512	167,2148
Total for 9 weeks	711,7034	2,72,293	0 6	24,90	5 8	11	20,25,960 0	8,09,778 15	_	44.729 B	6	7,82,463	15 (49,353}	134,964)	184,3172
COMPARISON.																
Total for corresponding week of pre- vious year Per mile of railway, cor- responding	8,529)	24,029	4 8	2,65	17	0	1,30,145 O	24,800 2	0	2,456 13	6	85,729	6 8	8,505	6,770	12,075
week of pre- vious year Total to corre- aponding	******	120	4 8	11	17	1	101114	119 15	5.	10 19	7	249	1 1			******
date of pre-	61,403	1,97,605	4 3	18,113	16	4	P, 2 8,917 10	2,06,916 4	0,	18,967 6	a	4,01,521	8 8	44,103	51,496	96,691

CALCUTTA AND SOUTH-EASTERN STATE PAILWAY.

Approximate Return of Traffic for week ended 3rd March 1877, on 28 miles open.

	(Coaching Trappic. Merchardise and Minpral Trappic.								
	Number of Passengers.		W. shtearried. Receipts.	Tote) receipte.						
		Rs. A. P. & s. d.	Mds. 8. Rs. A. P. & c. d.	80.4						
Total traffic for the week	11,598	1,743 0 0 171 6 0	16,113 0 851 0 0 85 2 0	!						
Or per mile of railway	414	02 0 0 6 4 0	575 0 19 8 0 1 19 0	i						
For previous 8 weeks of half-year	84,125	11,637 0 0 3,165 14 0	1,75,416 0 4,541 0 0 454 2 0	1,619 16 0						
Total for 9 weeks COMPARISON.	93,718	13,400 0 0 i,3 in 0 0	1,40,529 0 8,092 0 0 509 4 0	1,849 4 0						
Total for corresponding week of previous year	11,111}	1,495 4 0 149 10 6	22,153 0 740 5 3 75 0 R	223 11 9						
week of previous year	307	53 6 5 6 10	701 0 26 7 1 2 13 10	7 19 8						
previous year	91,633}	19,043 15 6 1,205 7 11	1.CK,143 20 5,012 2 3 501 4 3	1,705 13 8						

And the second of the second o

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 3rd March 1877, on 1581 miles open.

		COACHING TRA	7710.	MERCHARI	HIS AND MINES	al Trappic.	Total					
	Number of passengers.	Coachine	receipt.	Weight carried.	Ro	receipts.						
		Rs. A. P.	& s. d.	Mds. B.	Ra. A. P.	£ e. d.	e . d					
Total traffic for the week	45,914}	84,170 4 9	3,135 5 7	2,08,079 85	30,894 8 4	2,631 19 11	5,964 5 6					
Or per mile of railway	278	215 14 10	19 15 11	1,814 85	195 8 7	17 17 10	37 18 9					
For previous 8 weeks of half-year	293,606	2,13,529 6 9	19,573 10 7	18,87,485 36	2,91,057 9 6	26,735 4 6	46,308 15 1					
Intal for 9 weeks	336,42 2 1	317,000 11 6	23,706 16 3	15,95,565 31	3,22,661 H 10	29,567 4 5	52,278 0 7					
Comparison.					i							
Total for corresponding week of previous year Per mile of railway, entresponding	87,861}	29,472 8 8	2,609 19 8	156,283 v	27,964 7 4	2,562 9 9	5,172 9 5					
week of pravious year Total to corresponding date of	239	179 14 9	16 9 10	987 21	176 10 4	16 8 10	32 13 ¥					
biogions hart " " " "	345,157	1,49,590 0 1	23,860 14 11	13,87,989 10	2,62,863 H 5	24,084 18 8	46,955 13 %					
	NALHATI STATE BAILWAY.											

Approximate Return of Traffic for week ended 3rd March 1877, on 271 miles epon.

						,	
		Rs. A. P.	2 s. d.	Mds. 5.	Rs. A. P.	& s. d.	£ a. d.
Total traffic for the week	2,283	1,186 0 0	118 12 0	0 223,4	538 0 0	53 16 9	172 K 0
Or per mile of railway	84	45.0	470	205 9	20 0 0	200	670
For previous 5 weeks of half-year	. 19,192	9,173 0 0	917 4 0	65,407 0	4,55H 0 0	485 10 •	1,278 0 0
Total for 9 weeks	21,474	10,558 0 0	1,035 16 0	70,935 0	5,096 G U	809 12 0	1,545 A 0
COMPARISON. Total for corresponding week of	· i						
previous year	2,067	947 14 1	94 15 9	7,319 20	874 13 0 i	57 9 R	152 5 5
week of previous year Total to corresponding date of pre-	76	84 12 7	3 9 7	364 37	2j i 6	2 2 2	8 II 9
vious year	19,484	9,589 3 2	963 18 5	1,03,846 20	7,774 5 6	777 B B	1,731 7 1

[REGISTERED NO. 29.]

No. 12 of 1877.



The Calcutta Gazette.

WEDNESDAY, MARCH 21, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gasette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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REPORT ON THE STATE OF THE SALT MARKET FOR THE THIRD QUARTER OF 1876-77.

No. 164B, dated Fort William, the 7th March 1877.

From—W. H. GRINLRY, Esq., Offg. Secretary to the Board of Revenue, L.P., To—The Secretary to the Government of Bengal, Revenue Department.

I Am directed by the Member in charge to submit the following report on the state of the salt market for the third quarter of 1876-77, comprising the months of October November, and December last.

- 2. The quantity of salt consumed (i. e. the quantity of total clearances of salt of every description) in the quarter under report amounted to 23,01,683 maunds 30 seers 13 chittacks, against 23,73,782 maunds 35 seers in the previous quarter, and 18,02,323 maunds 5 seers in the corresponding quarter of the previous year, and the total amount of duty levied was Rs. 71,58,591-9-8, against Rs. 74,18,565-10 and Rs. 57,12,776-11-9 in the previous and corresponding quarters respectively.
- 3. The quantity of excise salt sold in Cuttack, Balasore, Pooree, and 24-Pergunnahs during the present quarter from the stock of the different

season's manufacture, and the quantity which remained in store at the close of the quarter, are shewn in the following table I:—

TABLE I.

F-7-7- 12 151.X-		CUTTAC	T.			1	Balabore.	•			Poorns.		26-PERCUN- NAME.
	Ma	mufactu	re of			Man	ulacture of			M	Manufac- ture of		
	1870-71. 1874-75. 1875-76.			1869-70. 1871-72. 1872-72. 1872-74. 1874-75. 1873-76.				1675-76.	1878-74. 1874-78. 1878-76.			1875-76.	
	Mds. S.	Mds. 8.	Mds.	Mde.	Mds, S. C.	Mds. S. C.	Mds. S. C.	Mds. B.C.	Mds. S.C.	Mds. S.	Mds. 8. C.	Mds. S. C.	Mds.
Balance at close of the last quarter		10,150 2	7,520	340	874 36 11	586 19 1	10,518 82 10	88,500 25 5	2,06,965 25 10	17,225 9	5,548 20 7	234,544 28 8	31,484
Manufactured or added during the quarter			001000			*****		••••	*****			202000	040100
Total	470 35	10,150 2	7,520	240	874 86 11	538 19 1	10,513 23 10	83,830 25 8	2,00,983 25 10	17,895 9	5,548 29 7	2,24,544 38 8	31,466
DEDUCT— Sales during the quarter		goo uno	8,051	******	******	******	2.350 O O	9,567 20 0	38.698 A A	136 0	544 0 0	22,224 6 0	5,000
Winders	470 33	678 20			•••••		981 5 2	809 36 0	6,930 8 2	465 9	477 20 0	******	******
Total	470 35	678 20	3,061		******		3,282 5 2	10,437 16 0	35,567 5 2	618 9	1,021 20 0	83,236 0 U	5,000
Balance at close of the quarter		9,471 22	4,460	240	874 36 11	588 19 1	7,161 27 8	22,803 9 8	1,78,415 20 8	16,707 0	4,537 9 7	1,91,306 36 8	20,404

It will be seen from the above that the total clearances or sales of excise salt during the quarter under review amounted to 82,512 maunds 20 seers, against 81,010 maunds 5 seers in the previous quarter, and 52,613 maunds 5 seers in the corresponding quarter of the previous year.

4. The subjoined table II shows comparatively the total importations into the port of Calcutta, and the total clearances of sea-imported salt during the quarter under review and the corresponding quarter of the previous two years:—

TABLE II.

DESCRIPTION OF SALT.	TRIED QUART	EE OF 1874-75.	THIED QUART	er of 1875-76.	TRIED QUARTER OF 1876-77.		
Description of Calif.	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.	
Liverpool pungah Foreign kurkuteh Indian ditto	Mds. 16,93,971 8,30,717 8,63,200	Mds. 14,67,568 2,18,201 2,22,906	Mds. 23,27,451 8,80,472 1,45,9(8	Mds. 18,11,521 2,48,247 1,51,817	Mds. 21,09,306 4,36,650 92,946	Mds. 16,99,588 2,78,201 1,95,343	
Total	¥3,77,888	19,08,875	28,63,831	17,00,586	26,38,902	11,68,182	

5. The following are the details of the Indian kurkutch salt shewn above:—

TABLE III.

				THIRD QUARTE	IR OF 1874-75.		ER OF 1875-76.	THIRD QUARTER OF 1876-77.		
•				Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.	
				Mds.	Mds.	Mds.	. Mde.	Mds.	Mds.	
Bombay Madras Covelong Pamain Bate Gun Coconada Tutiogrin	91, 600 101 640 641 641 641			3,53,200	1,57,086	47,908 68,380 1,600 8,125	89,494 26,108 8,510 8,088 4,500 19,217	9,650	1,17,155 6,849 83,205 16,190	
		Total	•••	8,53,200 ·	2,92,906	1,45,908	1,51,817	92,946	1,95,848	

6. Table IV shows the quantity of sea-imported salt remaining in the warehouses at the close of the quarter as compared with the results of the previous four quarters:—

TABLE IV.

	Weel	TORID			Third Quarter of 1876-76.	Fourth Quarter of 1875-76.	First Quarter of 1876-77.	Second Quarter of 1876-77.	Third Quarter of 1876-77.
					Mds.	Mds.	Mds.	Mds.	Mds.
Sulkan	Government	golahs		•••	28,88,287	81,56,006	30,22,105	28,29,664	80,96,193
Ditto	private	ditto	.,.	•••	49,550	4,18,646	6,30,767	5,85,630	8,94,228
Chittagong	Government	ditto	•••	•••	2,17,894	1,73,581	1,26,266	84,448	1,39,013
Ditto	privale	ditto	***		••••	28,768	28,768	28,768	27,768
			Total	•••	81,55,611	37,74,901	87,97,908	84, 78,410	41,57,201

7. Table V shows the despatches of salt from Calcutta by water and the three railways passing the several salt pass stations into the interior of the country both east and west of the river Hooghly during the quarter under review and the corresponding quarter of the previous two years:—

TABLE V.

1	Preiod.					Vid Gewa- khalloo.	Vi4 Kidder- pors.	Via Ballia- ghatta.	By the East Indian Railway or Howrah.	By the E. B. Railway, and Calcutta and S. E. Railway or Chitpure.
				Mds. Mds.	Mds.	Mds.				
Third Quarter o	f 1874-75	•••	•••	4,80,113	1,20,885	72,180	1,88,260	6,74,804	8,94,882	367
Ditto	1875-76	•••	•••	8,63,193	1,10,791	75,893	2,38,447	5,48,789	4,08,685	81,509
Ditto	1876-77	•••	•••	5,31,494	1,23,316	00,049	2,53,963	4,74,710	5,05,869	1,83,891

The quantity of salt despatched by the East Indian Railway to stations beyond Buxar in the quarter under review amounted to 9,029 maunds, as noted in the margin, against 4,630 maunds in the previous quarter, and 5,999 maunds in the corresponding quarter of the previous year.

8. The shipments of Liverpool salt for the port of Calcutta, according to published market reports, were as follow:—

					Tons.
October	•••	•••	•••	•••	15,363
November	•••	•••	•••	•••	9,954
December	•••	•••	•••	•••	22,538
			Total	•••	47,855

There were no shipments during the quarter under report for the port of Chittagong.

9. The market prices per 100 maunds of Liverpool and other descriptions of salt at the close of each fortnight during the quarter, as compared with

those obtaining during the same period last year, are shown in the following table VI:—

TABLE VI.

DESCRIPTION OF SALE	-	rices o	on 15th	Prices on 31st October		Prices on 15th November		Prices on 30th November		Prices on 15th December		Prices on S1st December	
	16	875.	1876.	1875.	1876.	1875.	1876.	1875.	1876.	1875.	1876.	1875.	1876.
Liverpool pungah French kurkutch Jeddah ditte Bonibay ditto Madras ditte Italian ditto Muscat ditto Rock ditto Ceylon ditto		Rs. 58 54 65 69 55 64 56 70	Ra. 40 89 47 44 87 89 41 100	Re. 55 54 65 60 55 54 55 70	R4. 50 35 38 44 36 35 32 86 44	Ra. 54 59 65 57 86 59 57 70	Re. 54 45 42 87 46 40 86 44	Ra. 58 58 58 58 58 54 85	Rs. 46 40 55 40 36 40 41 86 44	Rs. 40 50 71 58 58 58 59 54	Rs. 49 41 44 35 36 41 40 85 44	R4. 50 58 72 57 58 60 54 85	Ra. 40 30 45 36 36 36 49 42 86 44

10. In table VII are shown the total quantities of salt that were available for the private export trade at the several depôts in the Madras Presidency on the first day of each of the three months constituting the quarter under report, and the corresponding quarter of 1874-75 and 1875-76:—

TABLE VII.

	<i></i>		 		·· <u></u> -	1	
		Монти.			1874-75.	1875-76.	1876-77.
	···			··	Mds.	Mds.	Mds.
October	•••	•••	•••		2,41,156	6.17,920	
November	, 	•••	•••		3,69,344	5,50,675	8,56,421
December	. •••	•••	•••	•••	3,32,434	4,96,100	•••••
				1			ļ

11. The following table shows the quantities of sea-imported salt admitted into bond and cleared from bond and shipboard at Chittagong during the quarter under review and the corresponding quarter of 1875-76 respectively:—

TABLE VIII.

		- -			:::		·:		
						ADMITTED	into Rond.	• Car	ARD.
Desc	riffion	o y 8	alt.			Third Quarter of 1875-76.	Third Quarter of 1876-77.	Third Quarter of 1875-76.	Third Quarter of 1876-77.
Liverpool pungah						Mds. 72,296	Mds. 96,903	Mds. 49,275	Mds. 49,641
Madras kurkutch			•••	•••	•••			950 850	1,498
				Total		79,996	96,903	43,125	61,039

No transactions in sea-imported salt have been reported for the quarter from any of the Orissa ports.

THE LOCAL PURCHASE OF STORES.

No. 227.

Extract from the Proceedings of the Hon'ble the Lieutenant-Governor of Bengal in the Public Works Department (General, Establishments), under date the 20th March 1877.

Read a momorandum from the Secretary to this Government in the General Department, No. 696' of the 8th current, forwarding copy of a Resolution from the Government of India in the Financial Department relative to the supply of stores from England to the different branches of the Government remains of the Government service.

Observations.—The General Department of this Government forwards a Resolution from the Government of India, Financial Department, requesting an expression of the opinion of this Government in regard to any rules and restrictions which it is expedient to lay down for substituting local purchases of certain kinds of stores for the agency of the Store Department of the India Office, and requests that a Committee may be convened to report on the subject.

2. The Lieutenant-Governor directs that the Committee be constituted as follows:—

PRESIDENT :

Major-General J. E. T. Nicolls, R.E., Secretary to the Government of Bengal in the Public Works Department.

MEMBERS:

Colonel F. T. Haig, R.R., Joint Secretary to the Government of Bengal in the Public Works Department, Irrigation Branch.

Mr. H. Beverley, Officiating Inspector-General of Jails.

- " A. Mackenzie, Officiating Secretary to the Board of Revenue, Lower Provinces.
- " F. R. Boyce, Examiner of Public Works Accounts, Bengal.
- ,, T. S. Isaac, Officiating Superintending Engineer, Presidency Circle.
- Major R. C. B. Pemberton, B.E., Superintending Engineer, on special duty under the Government of India, Public Works Department.
- Surgeon-Major J. Browne, M.D., Secretary to Surgeon-General, Indian Medical
- 3. Mr. A. Mackenzic, Officiating Secretary to the Board of Revenue, to be Secretary to the Committee.
- The importance of substituting stores of indigenous origin for articles obtained from England, where this may be possible, is very great, and the Committee should consider and report on the following points:-
 - 1st,—What articles required by the various public departments under this Government could and should be obtained by local manufacture instead of being procured from Europe?
 - 2nd,—What description of articles to be obtained from Europe should be procured through the Sccretary of State, and what by local arrangement?
 - 3rd,-What rules and restrictions should be laid down in regard to obtaining articles from Europe by local arrangements?
- 5. It is very possible that articles which are not at present obtainable by local manufacture would become so if it were known that Government is likely to require such articles. The Committee should also report on this subject.
- 6. The Lieutenant-Governor is also desirous of ascertaining the views and of receiving the suggestions of the public mercantile bodies of Calcutta on this very important question, and a copy of this Resolution will be forwarded to the Chamber of Commerce, the Trades' Association, and the British Indian Association, for any suggestions they may wish to offer.
- Any suggestions from these or other sources should be sent to the Secretary to the Committee for consideration and report by that body.
- 8. The views and suggestions of the various Departments of Government on this question are also required; more particularly from the Marine and Educational Departments, and the Superintendent of Stationery. These reports should also be sent to the Secretary to the Committee, in the last named case through the Board of Revenue.

ORDERS.—Ordered that a copy of the above Resolution be forwarded to the Secretary to the Chamber of Commerce, to the Secretary to the British Indian Association, and to the Master of the Calcutta Trades' Association, for information. Ordered that a copy of the above Resolution, and of the Resolution of the Government of India in the Financial Department above read, be forwarded to the Director of Public Instruction, to the Master Attendant, Calcutta, and to the Superintendent of Stamps and Stationery, for information and guidance.

Ordered that a copy of the above Resolution, and of the Resolution of the Government of India in the Financial Department above read, be forwarded to the President and Members of the above Committee for information and guidance.

Ordered that a copy of the above Resolution be forwarded to the Board of Revenue, Lower Provinces; Accountant-General, Bengal; Inspectors-General of Jails, Police, and Registration; Surgeon-General, Indian Medical Department; Engineers-in-Chief, Tirhoot and Northern Bengal (State) Railways; to all Commissioners of Divisions; Examiner of Public Works Accounts, Bengal; and to all Superintending Engineers, for information.

Ordered that a copy of the above Resolution, and of the Resolution of the Government of India in the Financial Department above read, be forwarded to the Joint Secretary in this Department, Irrigation Branch, and to the Secretaries to this Government in the Revenue, Judicial, and Financial Departments, for information.

Ordered also that a copy of the above Resolution be published in the Calcutta Gazette for general information.

By order of the Lieutenant-Governor of Bengal,

'J. E. T. Nicolla, Major-Genl., n.n.,

Secretary to the Government of Bengal,
in the Public Works Department.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 17th March 1877.

,	¥0.	District, an retur		te of		ltainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
13121	NGAL						
DB	M (1999	Western Di	istric	ts.			
í	1	Burdwan,	Mar.	19*	77	· 41	The rainfall at Rancegunge has been 'Ol of an inch only. The rubbee crops are being harvested. Cholera is reported to be prevalent in Culna, Sudder, Johanabad, and Rancegunge Sub-divisions.
	2	Bankoora,	**	17	-	.44	Weather—Cloudy and threatening, with a little rain towards the end of the week. The rain, though slight, has been beneficial to the indige and cotton crops.
ă	8	Beerbhoom,	9-	17		-40	Weather—Damp and cloudy. State and prespects of the crops continue good.
BURDWAY DIVE.	4	Miduapore,	.,	17	-	-19	Weather—Cooler of late. Storm and rain on Friday night at head-quarters. State and prospects of the crops are good.
Bū	5	Hooghly,	**	17	•	•24	Weuther—Warm, cloudy in the evening and slight rain on the night of the 16th instant. Barley and wheat are being harvested. The rice lands are still being ploughed. There is sporadic cholera in the district.
į		Howrah,	,,	17	•	-190	Weather—A heavy storm of hail and rain on Friday night. There are no crops on the ground to be injured by the hail-storm.
		Central I)istri	eta.	l		
.=	6	24-Pergunnahs	Mar.	19,†	'77	-57	Weather—Days hot and nights cool. A little rain fell on the 16th instant. Lands are being prepared for the spring sowings. Public health is generally good; only a few cases of cholora reported from the Baraset and Barripore sub-divisions.
Parsideror Diex.	7	Nuddes,	19	17	"	·17	Weather—Cloudy and close. There was a slight storm on the night of the 16th instant, which has cleared up the air. The harvest is progressing favorably, and the weather has hitherto been most favorable for the preparation of the rice fields.
Parstor	8	Jessore,	-	17	97	-89	Weather—Fine, with occasional thunder and showers. The harvesting of the cold- weather crops is nearly over. The tapping of date trees is closed or closing. Wheat is being cut. The ploughing for, and the sowing of, early rice and indigo are going on. All prospects are good.
	l B	Moorahedabad,	,,	17	20	11	Drizzling rain on the 15th and 16th instant. The weather accums to be clearing. There is hardly any change to report. The rable crops are being ranged, and the outturn is generally expected to be favorable. Roro dham is still being sown and land being prepared for acres dham. General health is good.
	10 ع	Dinagepore,	•	16		Nil	Weather—Cloudy. The rubbes crops are being harvested with large outturn.
Ę	11	Rajshabye,	,,	17	9 •	-31	In the commencement of the week the weather was hot, but for the last few days it has been cloudy and cool, and slight rain fell on the 15th and 16th instant. The rebbee harvest has commenced. The autumn rice and til (seesamum) are being sown, and transplantation of the spring rice is nearly completed.
HAR D	12	flungpore,	90	16	,,	-95	Weather—Seasonable. There was a little rain on the 11th instant, and the 16th was rainy. The outturn of the rabber crops will be good.
Ä	13	Bogra			•••		Return not received.
TD COOCH	14	Pubna,	Mar.	. 17	'77	-98	Weather—Variable. There was a severe hall-storm on the 10th instant. State and prospects of the crops continue to be generally satisfactory, although the hall is reported to have damaged some of the standing crops and the mange blossoms.
Raishauts ard Cooch Behar Dits	15	Darjeeling,	n	17	29	-44	Weather-Milder. There has been a good deal of wind, with occasional showers of rain, during the week. Wheat and barley are progressing favorably. Potato, and Bhootta, and kaonee millets, are now being sown.
Rassi	16	Julpigoree,	"	17	19	-52	Weather—Cool. The tobacco crop is being cut, and is likely to yield a good cutturn, though the rain and hail of this week have to some extent injured the leaves in the ranthern part of the district. The land is in good condition for being ploughed for the autumn vice.
	L	Cooch Behar,	,	15	,,	1.03	Weather—Getting warmer. Cloudy at times, and one heavy storm with thunder and hail. 32 of an inch of rain fell at Mattabhangu, and one inch at Dinhatta. The sowings of bitri dhas and jute have commenced under favorable weather. General health is good.

[•] Telegram of the 19th March shows a sinfall during the seven days immediately preceding.
† Report of the 19th March shows rainfall during the seven days immediately preceding.

No.	District, and date of return.					Kainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
N(1	A L.	,—(Conlinued.)]	
		Eastern D	istri	ota.		1	
(17	7 1	Dacca					Telegram not received.
11	B	Fureedpore	Mar.	17	'77	-17	Weather—Now fair and cool. 171 of rain at Goalundo and '7 at Madaripore. The state of the crops is satisfactory. An outbreak of cholera is reported from a village in the Sudder sub-division.
1	9	Backergunge,	,	15	••	Kil	Weather—Seasonable, but gutting hotter daily. The state of the crops is reporte good. There is a great improvement in the health of the people. Sporadi cases of cholera still occur in some places, but the disease in an epidemic form is said to have ceased. The cattle are healthy everywhere in the district.
24	0	Mymensingh,	99	16	•	-07	Weather—Cloudy and unsettled. Occasional showers of rain. State and prospects of the crops are favorable.
E 21	1	l'ipperah,	••	16	•	1.32	Weather—Cloudy, rainy, and hot for the time of the year. The spring rice is thriving well, and there are no other crops of importance on the ground a present.
S	2	Chittagong,	20	15	"	Nil	Weather—Clear and seasonably warm. The cold-weather crops promise well, an the seedlings of the pania sous are germinating. Cholera has almost abated.
25		Noakholly,	,,	15	19	•05	Weather—Becoming much warmer. Slight rain fell on the 10th and 11t instant. Pulses, chillies, &c., are progressing fairly. Ploughing for the earl rice is going on actively everywhere. Cholera has abated considerable throughout the district, except in the low parts of the Begungunge station.
-		Chittagong Hi Tracts,	. ,	13	"	Nü	Weather—Cool and pleasant in the morning and hot at noon. The cutting fooms for the purpose of cultivation is progressing. The tobacco plants at thriving well and the prospects are good. Cholera has again broken out Banderbun, and is prevalent in many parts of the district.
AII:		Hill Tipperab,	21	14	,	1.40	Weather—Warm and occasionally cloudy. Rain on the night of the 12th instar accompanied by hall-storm. State and prospects of the crops continue good.
2	15	Putna,	Mar.	194	77	-20	Weather—Daily getting warmer. Slight rain fell in the early part of the we The harvesting of subber crops is in fair progress. Sporadic cholera and sma pox exists here and there in the district.
2	8	(iya,	**	17	29	-10	Weather—Cloudy, with rain, and cold for this time of the year. No change in t prospects of the crops, which are satisfactory.
2	7	Shahabad,	"	17	**	-84	Weather—Cloudy and rainy at the beginning of the week. Peas and muse pulse are being gathered; other crops continue promising.
2	8	Durbhunge,	,	17	20	-02	Weather-Cloudy; mornings cool. The state of the crops is quite satisfactory.
2	9	Mozufferpore,	**	17	**	A slight shower on the night of the 14th in- stant.	
3	0	Sarun,	n	17	**	· 37 · 06 at Sewan.	Weather—Very hot and threatening at the commencement of the week. The was a dust-storm on the night of the 12th instant, and a thunder-stor accompanied with rain, on the morning of the 16th. The wind has nevered to the west and the weather is beautiful. The rubbes harvest is goi on. The late rain must have slightly injured the rubbes crops, opium, a indigo newly sown. The usual imports have fallen off, probably owing to the drain caused by the famine, and consequently the prices have generally rice General health is good.
E	12	Chumparun,	"	17	,,	Nil	Weather—Cloudy. It drizzled for a short time on the 15th instant. T
(:	12	Mongbyr,	**	17	77	11	Weather—Fair. The subbee harvest is going on, and the outturn, as expected good.
1	13	Bhagulpore,	**	194	• "	-38	Wenther—Pleasant. North and east winds prevailing. The rubbes crops are riping fast, and harvesting has already commenced. General health is very goo
1	B4	Purneah,	,,	17	,,	·19 ·63 at Kiwen- gunge.	The same and the s
	95	Maldeh,	po	17	93	-23	The weather, which was getting daily warmer during the first four days of t week, has been cooled by the slight rains on the 15th and 16th instant, attend with south-easterly and north-westerly winds. It was generally fair. T crops are all as good as before. Fifteen deaths from cholera reported.
į	96	Sonthal Pergh	M. _P	18	ŗ	Nil	Weather—Slight showers on the 15th and 16th instant, which have reduced temperature. 'S at Deoghur, and a few drops at Rajmehal. The harveing of wheat and barley has commenced in parts of the district. The secon is beginning, and promises to be a good one.

Telegrams of the 19th March above rainfall during the seven days immediately preceding.

1	fo.	District, a ret		to of		Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
OR	188A.						-
í	87	Cuttack,	Mar.	17	77	Nil	Weather—Hot and dry. Most of the rubber crops are gathered with good out- turn. Cotton, sugarcane, and datus rice, require some min now.
ORISSA DIVE.	36	Poores,	"	15	y-	lik	Weather—Seasonable. The crops generally are progressing well except the mango, which was injured when in blossom. Some of the dates paddy has begun to ripen. Ploughing is going on. Prices of rice and other food-grains are almost stationary. Shipment of rice is brisk. Cholera is very rife both in the city and the district.
ō	39	Balasore,	•	16	,,	.05	Weather—Generally fine and dry. The ploughing progresses. Sporadic cholera is frequent, chiefly along the pilgrim route.
CH	OTA	NAGPORE.					
		South-Wes Agen		onlie	r		·
	40	Hazareebagh,	Mar.	16	777	2-89	Weather—Une casonably damp and wet. There has been a heavy thunder-storm accompanied with rain. The rain has done a good deal of damage to wheat, barky, and gram, which are now on the ground remaining uncut; but much of these crops damaged will be recovered if there is no more rain. Health of the district is good.
	41	Lohardugga,	,,	17	••	-70 -25 at Pulamow.	Weather—Fair and cloudy alternately till Friday, the 16th instant, when two very heavy falls of hail took place, which must have injured the možwa crop which is now ripening, also the wheat, raker, sameer, barley, and gram, which are all now about to be harvested. The mange is now in flower, and must have suffered too. All these crops gave full promise before. General health is good.
	42	Singbhoom.		16		Nil	Weather-Seasonable. No crops to report. Health of the district is good.
	48	Manbheom,	10	17 •	••	'41	Weather—Pleasant but somewhat unacasonable. The only crops now on the ground are a little sugarcane, wheat, barley, and garden produce. The rain will possibly injure the makers, but as rice is cheap, this will not be of much consequence.

Published for general information.

CALCUTTA, STATISTICAL DEPT., The 20th March 1877.

H. J. S. Corrow, Jr. Secy. to the Goot. of Bengal.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

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- A In the interior the prices range as follow:—Wheat 13 to 16 seers, barley 32 seers, best rice 17-2 to 23-8 seers, common rice 19 to 25 seers, and gram 16-12 to 30 seers, common rice 19 to 25 seers, and in the interior the prices range as follow:—Wheat 10 to 19 seers, barley 34 to 37 seers, best rice 20 to 26 seers, common rice 24 to 28 seers, maize 30 to 36 seers, and gram 15 to 18 seers, best rice 18 to 38 seers, common rice 21 to 30 seers, and gram 15 to 38 seers, common rice 21 to 30 seers, and gram 15 to

- C In the interior the prices range as follow:—Wheat 16 to 25 seers, best rice 18 to 28 seers, common rice 21 to 30 seers, and gram 15 to 30 seers.

 D In the interior the prices range as follow:—Wheat 14-8 to 20 seers, barley 26 seers, best rice 10 to 11-8 seers, common rice 18 to 19 seers, and gram 17 to 26 seers.

 E In the interior the prices range as follow:—Wheat 13-4 to 13-4 seers, barley 26-8 seers, best rice 8 to 10 seers, common rice 14 to 20 seers, and gram 16 to 17-19 seers.

 F In the interior the prices range as follow:—Wheat 8 to 16 seers, best rice 12 to 18 seers, common rice 19 to 25 seers, and gram 16 to 20 seers.

 G In the interior the prices range as follow:—Wheat 18 to 19-8 seers, barley 38 to 40 seers, best rice 16 to 32 seers, common rice 21 to 27 seers, and gram 23 to 26 seers.

Districts of Bengal for the Fortnight ending 15th March 1877.

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- H In Roygungs the prices are as follow:—Wheat 18 seers, best rice 25 seers, common rice 29 seers, and gram 17 seers.

 In the interior the prices range as follow:—Wheat 16 to 22-8 seers, best rice 14 to 16 seers, common rice 18 to 24 seers, and gram 9 to 18 seers.

 In the Sengigungs sub-division the prices are as follow:—Wheat 30 seers, best rice 14 seers, common rice 25 seers, and gram 16 seers.

 In the interior the prices range as follow:—Wheat 8 seers, best rice 5-8 to 14 seers, common rice 12 to 24 seers, lesser millets 14 to 15 seers, mains 16 to 40 seers, and gram 10 to 16 seers.

 In the interior the prices range as follow:—Wheat 10 seers, best rice 8 to 16 seers, common rice 13-3 to 23 seers, and gram 8 to 13-6 seers.

 In the interior the prices range as follow:—Best rice 18 to 20 seers, and common rice 22 to 23 seers.

 In the interior the prices range as follow:—Best rice 14 to 15 seers, common rice 20 to 23 seers, and gram 15 seers.

 O In the interior the prices range as follow:—Best rice 14 to 16-12 seers, common rice 16 to 17 seers, paddy 28 to 39 seers, and gram 12 to 18 seers.

- 15 secre.

 P In the interior the prices range as follow :---Wheat 17 to 25 secre, best rice 14 to 23-18 secre, common rice 22 to 28 secre, and gram 12 to 17 secre.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

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CALCUTTA,

<sup>Ratures not received.
In the interior the prices range as follow:—Best rice 10 to 18 seers, and common rice 12 to 21 seers.
In the interior the prices range as follow:—Rest rice 11 to 10 seers, and common rice 14 to 20 seers.
In the interior the prices range as follow:—Wheat 10 to 17 seers, barley 20 seers, common rice 24 to 34-1 seers, leaser millets 40 seers, make 35 seers, and gram 21 to 18 seers.
In the interior the prices range as follow:—Wheat 14-8 to 16 seers, barley 23 to 28 seers, best rice 13 to 13 seers, common rice 20 to 20-8 seers, and gram 21 to 23 seers.
In the interior the prices range as follow:—Wheat 16 seers, barley 25 to 40 seers, best rice 13 to 20 seers, common rice 19 to 23 seers, mailets 23 seers, mailets 32 seers, and gram 15 to 21 seers.
In the interior the prices range as follow:—Wheat 13 to 18 seers, barley 21-8 to 40 seers, best rice 13 to 27-8 seers, common rice 17 to 29-12 seers, lesser millets 21 to 46 seers, maine 28 to 46 seers, and gram 18 to 26 seers.</sup>

Districts of Bengal for the Fortnight ending 15th March 1877 .- (Continued.)

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- W In the interior the prices range as follow: —Wheat 14 to 16 seers, barley 30 to 33 seers, best rice 13-12 to 17 seers, common rice 18-13 to 22-8 seers, lesser millets 35 to 45 seers, mains 34 to 40 seers, and gram 19 to 25 seers, common rice 32 to 27 seers, lesser millets 38-8 to 45 seers, unine 30 seers, and gram 15 to 17 seers, best rice 20 to 23 seers, common rice 32 to 27 seers, lesser millets 38-8 to 45 seers, unine 30 seers, and gram 15 to 17 seers, less rice 22 to 23 seers, common rice 36 to 30 seers, and gram 16 to 24 seers.

 Z In the interior the prices range as follow: —Wheat 11 to 16 seers, barley 30 seers, best rice 24 seers, common rice 30 seers, mains 37-s seers, and gram 16 seers.

 Z1 In the interior the prices range as follow: —Wheat 16 to 17 seers, barley 30 seers, best rice 13 seers, common rice 24-8 to 25-8 seers, lesser millets 60 seers, mains 26-6 to 33 seers, and gram 16 to 17 seers, best rice 26 to 30 seers, common rice 27 to 34 seers, and gram 16 seers.

Published for general information.

Weakly Report of Rainfall compiled at the Meteorological Reporter's Office.

	W 66	ELY .	Trop	OLO OT THE		шр	uou ar		Tenent		Reporter a Omice.
Tools .	Diez	LICTS.		81	ations.		Rain from 26th February to 3rd March 1677.	Rain from 4th to 10kh Mar. 1877.	JAS	FROM 187 IVARY 877	Remarks
DIVINIONA							Kain Pebr	Rain f	Inches.	Up to date.	
REI	HGAL.							<u> </u>			
	Wester	Diera	ilote.				Inches.	Imobes.		1877.	
			ſ	Burdwan Cutwa	•••	•	Nil ditto	0-07 0-02	9:36 9:68	10th Mar.	
•	Bardwan		{	Culna Bond-Bond	•••		ditto	Nil ditto	8·47 2·07	ditto ditto	
ĺ				Kancegunge Johanabad	•-•		ditto dit to	ditto ditto	3·05 3·71	ditto ditto	
1	Bankoora	•••		liankoora	•••		ditto	ditto	2:40	ditto	
- [Rearbhoom		{	Hooree Hotempore	•		ditto ditto	ditto ditto	4:07 4:89	ditto ditto	
į	1100 1000	•••	-4	Roypore	•••		ditto	0.08	3.57	ditto	
BURDWAY.				Midnapore	•••		ditto	Nil	6.02	ditto	
^	Midnapore	•••	{	Tumlook Ghattal	•••		ditto ditto	ditto UU3	5·13 4·19	ditto ditto ditto	
ı			- 11	Contai {	. Colir.'s Of		ditto	Nil	4·07 5·05	ditto	
1	Heoghly		}	Hooghly Scrampore	s, Kngr.'s ()		ditto ditto ditto	ditto (709 0705	3·63 4·45	ditto ditto	
ı				Howah	•••		ditto	0.01	5.26	ditto	
ι	Howrah		{	Mahoshrekha	•••		ditto	Nii	9.17	ditto	
	CENTRAL :	Dierr	ICTS.	a	_				6:20	ditto	
				Sauger Island Calcutta		•••	ditto dirto ditto	ditto 0 03	2.17 2.18	ditto ditto	
				Alipore { Ja Busseerhat		•••	ditto	0.30 0.30 0.02	6·87	ditto ditto	
ſ	24-Pergunn	ahe	{	Baraset Diamond Har	 	***	dicto	0.53 Nil	4:49	ditto dillo	
- 1	i		j.	Barripore Sathbira	•••	•••	ditto ditto	Not rec.	6°38	3rd March ditto	
-	1			Harrackpore Dum-Dum	010 010		ditto	0.15 Nil	4·18	10th Mar. ditto	
ļ			Ì	Kishnaghur Pongoug	•••	•••	ditto ditto	0-01 Nil	3·63 3·44	ditto ditto	
	Nuddra		{	Meherpore Choosdangs	•••	•••	ditto dit t o	0:30 1:08	2·04 4·18	ditto ditto	
PRESIDENCY.			- II	Kombton Ranaghet	•••	•••	airto ditto	Nil	2·73 8·17	ditto ditto ditto	!
Ä				Jemore Nurrail Khoolna	•••		ditto ditto ditto	0.80	3.03 7.63 8.09	ditto ditto	
٦	Jessore	• •	{	Jhenida Ragirhat	***	***	ditto ditto	O'08 O'HO Nil	8.20 8.80	ditto ditto	
Į			!	Magourah Berhampore	***	•••	ditto	1 07 Nil	3.63	ditto ditto	
				Ramporchaut Lalibugh	•••		ditto ditto	ditto (r03	4·30 5·35	ditto ditto	
į	Moorebedab	ad	{	Jungspore Azimgunge	•••	•••	ditto ditto	Nil ditto	4·70 3·06	ditto ditto	
			U	Laligolia Kandee	•••	.	ditto ditto	ditto ditto	3.42 3.43	ditto ditto	
_	Dinagepore		{	Dinagepore Raigunge	***		ditto ditto	ditto ditto	1·58 2·75	ditto	
ı	Maldah		}	Maldalı Chanchal			ditto	ditto	9.44 9.51	ditto	
I	Rejebabye		{	Baulcalı Nattore	•••		ditto ditto	ditto ditto	4:39	ditto ditto	
۴Ì	1		ſ	Rungpore	•••		ditto	ditto	1.81	ditto	
RAMMANT.	Rungpore	•••	{	Rhowanigung Kurigram	•••	***	ditto ditto ditto	ditto	1.90	ditto ditto ditto	
2	1		,	Bagaogra Bogra	•••	•••	ditto	ditto	9-11	ditto	
	Bogra	•••	{	Sherpore Panchbibi	•••	•••	ditto ditto	ditto ditto	8-27 1-36	ditto ditto	
ļ	Pubps		{	Pubna	•••		ditto ditto	1.12	5·19 3·31	ditto disto	
	Darjeeling		(Berajgunge Darjeeling	Telegraph		ditto	Not rec.	2.55	3rd March	
او	- anjecting	•••	٠	Julpigome	Hospital	•••	ditto	Vil	3.77	10th Mar.	
Herean.	Julpigoree		{	Hodab Buxa—Civil	Hurgeon's	Office	ditto ditto	0'20 0'36	2·60	ditto ditto	·
Cooca			(Titalya	***	***	ditto	0.36	1	ditto	
ಶ	Cooch Behr States.	r Tril	butary	Cooch Behar	•	•••	ditto	Nil	1.68	ditto	
	1			<u> </u>			<u> </u>	<u> </u>	·		•

=		_					-	•	The property of the second second second second second second second second second second second second second
Dryte:035.	Districts.		Stations.		Rain from 25.h February to 3:d March 1877.	fr:m 4th th March	JA	FROM 187 WUARY 1877.	Remarks.
					Fig	Itain to Ita	Inches.	Up to date	
1	BENGAL—(Continue	d.)		. 					! ! !
	EASTERN DISTRIC	TA.			Inches.	Inches.	•	1877.	
		r	Dage SaTolegraph	Office	Nil	Not ree.	2.49	3rd March	
	Daoca	{	Tionpital	401	ditto	0.35	8.21	10th March	
		l	Moonsheegunge Manickgunge	•••	ditto ditto	0 38 0 38	7·74 3·03	ditto	
CA.	Furredpore	{	Furredpore Goulundo Madaripore	•••	ditto ditto ditto	2·90 2·05 2·20	4:88 4:78 5:11	ditto ditto ditto	
DACCA.		ſ	Burrial Perozapora	•	Not rec.	Not rec.	4·15	24th Feb.	
	Backergunge .	-1	Patooakhaily Bhola	•••	ditto ditto	ditto ditto	0.18	ditto ditto	From 4th February.
	Mymensingh .	{	Mymensinh Jamalpore Atia	•••	Nil ditto ditto	0.70 Nil 0.05	3.52 3.52	.0th March ditto ditto	·
			Kishoragunge	•••	ditto	0.15	2.73	ditto	i • !
	Chittagong .	{	Chittagong { Telegraph Jail · · · · · · · · · · · · · · · · · · ·	h ()(Hen 	ditto ditto dit to	0:50 0:86 0:60	4:96 4:96 2:48	ditte ditto ditto	
ó	Noakholly	{	Neakholly Fenny	•••	ditto ditto	0°12 U°3	4 53 3 62	ditto di t to	
CRITTAGORG.	Tipperah	§	Comillah Brahmunbariah		ditto ditto	2:45 0:07	5:49 5:45	ditto ditto	
Chir	Chittagong Hill Tru	rLs	Rungamatee Hill		ditto	0.80	6.03	ditto	
- (Hill Tipperah		Hill Tipperah		ditto	0'47	4.00	ditto	
BR	ḤAR.	,	Paina			N:s	2.70	ditto	! !
	l'atna		I Relier		ditto ditto	Nil ditto ditto	3:50 3:74	ditt:	
į			Dinapore { Jail Canton	ment	ditto ditto	dito ditto	2.24 2.24	ditto ditto	
			Gya		dirto	ditto	3-26	ditto	i
	Gya	{	N- wadah Arungabad		ditto ditto	ditto ditto	9.10 0.00	ditto di t to	Not rec. 18th to 24th Feb. Not rec. 12th Jan. and 4th to 10th Feb.
ł		Ų	Jehanabad		ditto	ditto	3.87	ditto	rev.
İ	: Shahabad •	5	Arrah		dito Not rec.	ditto Not rec.	5·10 3·0:	ditto 24th Feb.	
ان	Shahabaa •	٠ کا	Ruxar Bhubooah		Nil ditto	Nil ditto	4·49 4·60	10th March ditto	Not rec. 18th to 24th February.
PATEA.	Mufferpore	-31	Mozuffezpore Hajeepore		ditto	Not rec.	알·67 · 양·원실	ditte	Not rec. 18th to 24th February. Detro dates.
-		- !	Scotamurhee Durbhunga		ditto	ditto Nil	3:31 3::5	ditto Oth March	latto ditto.
	Darbhungu	i	Mudhoobannee Tajpore		ditto ditto	ditto ditto ditto	274 205 3.67	ditto ditto	
	Sarun		Sewan		ditto	ditto	4.07	ditto	
{	! . Chumperun !	. 31:	Motiharee Segowlie Bettiah	 	ditto ditto Not rec.	ditto ditto ditto	4:51 4:08 4:08		Not rec. 25th February to 3rd Mass.'
	Monghyr	. ₹1	Monghyr Negowerzi Jamooce		Nil ditto ditto	ditto ditto ditto	2:31 2:31 4:50	ditto ditto ditto	
PHAGTIFORE.	Bhagulpore		Blagulpore Scopool Muldehpoorn . S-nka Sontursa		dirto dirto ditto ditto	ditto ditto ditto ditto duto	9:5\ 2:32 8:76 3:03 2:27	ditto ditto ditto ditto	
PHA	furnah	3 ! 1	Purnesh Kistengunge Artatesh	:::	ditto ditto di tt o	ditto ditto	1:71 1:33 1:00	ditto	
	!	11	Nya Doomka		ditto	ditto	4.3"	dutto	
ι	: Southal Peronanaha	₹	Kajmehal		-ditto	ditto	0.80	ditto	
	ı 1	11	Dooghur		ditto	ditto	3-94	ditto :	
		۱'	Jodda •		ditto	ditto	1.04	ditto ;	

	-									·
1	Dista	1044		Stat	Tors.	om 25th to 3rd 1877.	om 4th	JA	FROM 1st NUARY 1877.	Rymares.
DIVISIONS.	27.02.0	.,,.		-		Rain from 25t Feb. to 3r March 1877.	Rain from to 10th 1	Inches.	Up to date.	
RI	RSA.				,	Inches.	Inches.		1877.	
	i		٢	Cuttack { To	elegraph Office	Nil	Nil	2-00	10th March	
	ì		1	M. SH	ospital		ditto	1.84	ditto	
r	Cuttack		J	Jajpore Kendraparah		91	ditto	8'05 4'80	ditto	
ł	i	•••]	Juguteingpore		1	ditto	1.70	ditto	
1			l	False Point		ditto	ditto	595	ditt	
1				Ponrer		ditto	ditto	3.17	ditto	
	Poorer	•••	{	Khurdah		1 10000	0.11	3-38	ditto	
{{			r	Balasoro { R:	se. Engr.'s Offic	ditto	0.02	8-15	ditto	
	l		- 1	The desired Co			0.03	3.33	ditto	
11	Balason:		∢	Bhadrack Juliasore			Not rec.	7·149 5·73	3rd March 10th March	
1				Sorah		****	ditto	9.16	ditto	
			l	Chandbally	•••	1	ditto	9-48	ditto	
Ų	cuttack Tribu	itary l	Mehals	Sumbalpöre	•••	ditto	Not rec.	5-67	3rd March	
ĺ	CHOTA N	AGP	ORE.	•		1				
	South-W									
	PROBILER	AUL	au1.	Huzarochagh	(Jail		Na	4:07	10th March	
	Hazarechagi	h	}	••	¿ Dispensary	ditto	ditto	4.94	, ditto	
			(Pachumba		ditto	ditto	4.39	ditto	
	Lohardugga		}	Ranchee			ditto	6-81	ditto	
			,	l'alanıow	***	ditto	ditto	4.02	ditto	
	Singbhorm	•••	. .	Chyebasaa	***	ditto	ditto	545	ditto	
-	Man bhoom	•••	{	Purulish			ditto	3 76	ditto	
- 1			•	Govindpore	•••	ditto	ditto	5.84	ditto	
	ASSAM & A HIL		CENT							
	Sylhet			Sylhet	***	ditto	0-03	4-79	ditto	
	-		_	Serbeaugor		3:44-	Not rec.	1.83	2rd March	
	1		- 1	liolaghat	*** **	1144	Not rec.	1.46	ditto	
				Jorchant		1 1 44	ditto	1.77	ditto	
	Seelmauger		J,	Doopunie		ditto	ditto	2.32	ditto	
1	Permental	•••	1	llattiepootie Mazengah	***	ditto	ditto ditto	1·77 1·57	ditto	
- 1				Nazeerah	***	1	ditto	1.48	ditto	
- 1				Nuntock	-00	ditto	ditto	7.76	ditto	
			ľ	Cherideo	•••	0.08	ditto	2.24	ditto	
				Akyab	•••	Nil	Nil	0.90	10th March	
i		_	ď	Alwar		ditto	ditto	Nil	ditto	
	RAJPOOTANA		≾i	Sambhar Jaipar		ditto	ditto	() いょる	ditto	
- !					***	ditto	ditto	0.20		

CALCUTTA,
The 17th March 1877.

A. Pedler,

Offy. Meleorological Reporter to the Goot. of Bengal.

Meteorological Telegraphic Report for the period 11th to 17th March 1877.

OMB.			Barometer	Barometer reduced	THERE	OMSTER	<u>\$</u>	Wini),	<u> </u>	1	
STATIONS.	Date.	Hour.	reduced to 82°,	to sea- level.	Dry.	Wet.	Hamidity Sat.=100.	Direction.	Volucity.	Rain.	Clouds.	Weather initials.
CALGUTTA.	Mar. 11th 12th 13th 14th 15th 10th	10 16 10 1d 10 16 10 16 10 16 10 16 10	20-017 29-830 20-805 20-805 20-020 30-027 20-810 20-931 20-931 29-931 29-931 29-931 29-931 29-931 29-931 29-931	20°940 29°457 29°843 30°843 30°058 20°944 30°010 20°010 20°049 20°049 20°050 30°050 30°050	82°2 88'0 82'4 85'7 83'0 88'0 88'3 86'5 86'5 77'6 80'5 74'0 88'0	76-6 79 0 76-8 77-7 71-5 72-0 71-6 72-0 70-0 70-0 70-0	00 71 08 56 43 56	HRW HRW HRW HRW HRW HRW HRW HRW HRW HRW		0-02	K, CS K 8 C, CS CS CK K	\$ \$
SAUGOR ISLAND.	Mar. 11th 12th 13th 14th 15th 16th 17th	10 16 10 16 10 16 10 16 10 16 10	90-1149 91-180 20-1879 91-185 91-191 31-1920 91-1920 20-191 91-1920 20-191 91-191 91-191 91-191 91-191 91-191	20°055 20°806 20°978 20°985 30°071 20°937 30°054 20°929 30°000 20°926 20°023 30°033 20°033	82 81 82 83 86 84 87 81 85 83 83	77 77 77 74 78 76 76 77 76 78 70 69	79 79 63 79 63 68 61 65 72 61 60 63 69	8 8 W 8 8 W 8 8 W 8 W 8 W 8 W 8 W 8 W 8	11.5 15.5 13.3 13.7 10.0 5.0 7.7 7.3 8.6 7.3 8.6 7.5 4.7	0-80	FK P FK P C C C C C, C F P C C C, C C C	h scuds h, m, u h, u h h, u h h h, u h h h, u h h, u h h, u r, u p, r
CHITTAGONG,	Mar. 11th 12th 13th 14th 14th 15th 16th 17th	10 ;6 10 16 10 16 10 16 10 16 10 16	29:678 20:036 20:036 20:047 20:050 20:050 20:050 20:050 20:050 20:050 20:050 20:050 20:050 20:050 20:050 20:050 20:050	28:071 28:089 36:028 36:038 36:038 36:039 28:460 36:043 28:481 28:481 28:480 28:480 20:09 36:023 20:910	80 83 81 88 77 83 86 86 76 85 70 83	70 74 74 74 74 75 76 77 60 70 68	58 57 71 37 84 57 75 58 61 05 49 61	NRR WEW EW HHW WENE WENE WAW Calta WHW N KE W	5-7 7-8 4-7 10-5 8-7 2-3 5-8 8-4 5-7 8-7 8-7 8-7 8-5 8-5		K	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
MADEAS.	Mar 10th 11th 19th 13th 14th 15th	10 16 10 16 10 16 10 16 10 16 10 16	30**023 20**807 20**800 30**103 20**803 30**052 20**944 30**055 20**933 30**026 20**933 30**026	80 015 \$0:930 \$0:943 \$0:443 \$0:445 \$0:956 \$0:071 \$0:967 \$0:075 \$0:076 \$0:048 \$0:048 \$0:011 \$0:001	85 83 83 83 84 72 84 84 84 85 85	74 71 68 69 73 75 75 76 76 71	58 43 46 46 64 64 64 61 61 63	SE by S SE by E SE SE SE SE SE SE SE SE SE SE SE SE SE	8 8 13 13 9 11 8 17 8 10 11 10	•		b b b b b b, c b c c c c cloudy.
Certack.	Mar. 11th 12th 13th 14th 15th 16th	10 16 10 16 10 16 10 16 10 16 10	29-985 29-7-14 29-100 29-791 30-27 29-807 29-817 29-923 29-923 29-83 29-83 29-83 29-83 29-83 29-83 29-83 29-83	30-082 30-882 30-882 20-875 30-100 20-848 30-035 39-807 30-016 30-014 20-886	86 92 84 87 93 85 90 88 88 80 90	74 76 74 71 73 70 72 71 66 70 69 69	55 46 40 40 51 51 23 30 27 40 41 55	H H H H H W H W H W H H H H H H H H H H	4:5 7:8 8:7 6:8 3:9 4:1 3:9 2:3 6:8 2:0 8:0 2:7 3:6	`	CK. PK, C C, CK, C PK, C C, CK, C C, CK, C PC, C C C, CK, C PC, C C	h b b c
ARTAB.	Mar. 11th 13th 13th 14th 16th 16th 16th	10 16 10 16 10 16 10 10 10 10 10 16	20-900 29-801 30-934 30-956 30-956 30-956 20	30-019 29-013 30-146 20-078 30-111 30-016 30-93 30 30-93 30 30 30 30 30 30 30 30 30 30 30 30 30	R1 83 83 84 80 83 83 83 84 85 84 85 84 85 84 84	71 73 75 74 72 71 76 78 77 78 77 78	60 00 71 80 86 67 71 79 51 43 60 64 64 64	K W W H K N W B W W K W N W	8·6 8·7 9·1 1·5		C C C C C C C C C C C C C C C C C C C	A 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

· Velocity of wind in miles per hour.

A. PEDLER,
Offg. Meteorological Reporter to the
Government of Bengal,

Calcutta, The 17th March 1877.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 8th to 14th March 1877.

		•	:- -			<u></u>	. -		· • • • • • • • • • • • • • • • • • • •				··· · · ·	Ţ.	, •
		1	Тин	enon i	ITBE.			1	humidity	Win	W 16.				
Month.	I hate.	Mean reduced baremeter	Higher reading.	Lowest resiling.	Mar. solar radi-	Mean dry knih	Ment wet bulls.	Computed mean point.	Mean degree of hun	Prevailing direction.	Max. pressure.	Daily velocity.	Rain.	Monn's phases.	Gerbeal Remarks.
	Ī	Inches.	- ا ا ن	0	0	0	<u>ا</u> ر	0	Ι.	Ϊ	16	Milee.	 [n.	1	l
	8th	29.934	88.2	71.0	1440	79.0	73%	68 6	0.41	8 8 K & 8 by		116.5			Clear and cumuli. Foggy
Mat.	Oth	-INN;	H7:2	71.5	142.9	. 79 ·1	74-6	71.4	-78	83 W & 8	•••	148-4			from 3 to 7 A.M. Clear, stratoni, and cu- muli. Foggy at 6 and
	10th	.880	90.0	7470	141*0	80 1	76 ⁻ ö	72-8	·7#	N&SSW	•••	1813	Urn g		7 A.M. Clear and clouds of different kinds. Thunder at 64 P.M. Lightning from 62 to 10 P.M. Light
	11th	-884	88.8	71.2	1480	711-3	74.1	71 ·0	-77	S by E & S S W		19]-9			rain at 6 r.m. Clear and cumuli. Sheet lightning at and 2 a.m., and from 7 to 9 r.m.
	12th	-905	80.2	73.5	1430	Mro .	75:3	720	-77	- by 11 & 8		196.9		١.	Clear and cirri. Sheet
1	1314	-961	6.84	76.3	1147	8FD	7 2 -9	67.2	-64	Shy W&W	10	161-5	•••		lightning at 7 r.m. 'umuli, orri, and clear.
	14th	160-	03.3	71.8	1450	81.2	71:3	61-9	-57	1 8 W & W		142-4		ļ .	: Char and cirr.
	i .	!		l 		·		·	!			' '		•	

The mean barometer, as likewise the dry and wet bulb thermometer, means are derived from the

The mean barometer, as necessed the dry and wet but thermometer, means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days. The maximum temperature during the past seven days.	•••	21·2 92·2
The maximum temperature during the corresponding period of the past year		89.7
The mean humidity during the past seven days		0.72
The mean humidity during the corresponding period of the past year		0.72
Chy lower rain-gauge		Inches. 0:02
The total fall of rain from 8th to 14th by lower rain-gauge	•	Nil.
Diag line Since Since Alexander gauge	••••	
Ditto ditto ditto, average of twenty-three previous years		0.25
Ditto ditto between the 1st January and the 14th March		5:21
Ditto ditto ditto, average of twenty-three previous years	•••	2.51

The 17th March 1877.

GOPERNAUTH SEK. In charge of the Observatory.

G. A. SEAKLE, Col., S.C., Assl. Secretary to the Goet. of Bengal, in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF BENGAL.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCII.

RUBEE SEANON 1876, COMMENTING ON THE 1st DECEMBER 1876.

Irrigation Operations of Lower Bengal during the month of January 1877.

		1		Acre.				ا: :ا	_ <u>.</u>	Rs. 2-5 9,325 6 EN						
	- - - -		! !	(a). The details 18 are— Balwa Cutton	Huidee Chions Potatoes	Wheat Garden produce	Pulses Fulses Surmonne	Plantains	Total (6). The details	At the rate of 1	Sugar cane Total					
		Average of ton pre- vious years for the same period.	22	#5	,	:	8 years.	7 years,		;	53	:			: :	:
	RAISPALL	Inches during rubbes season.	N N	12]_:		1 %	2	:	:	25	2				:
		Satista during Altuom	8	ــــــــــــــــــــــــــــــــــــــ	<u> :</u>	:	ž	8	:	!	22	2	<u> </u> :		1:	!
	-buoqe-	trend total of correction of lawf you	2	et :	8,113	÷	22	:	\$:	4.914 27,186	1,562	\$3.342	:	88,451	;
1911.	i lijuom a	Grand total to ared of the of	2	1,304 35.23	(4) 1,5,7	3,118	,		:	8	21.0 201.0	:	(8) 8,478	53,846	10,9:5	36,463
oanan'h	AND FB.	The first from the Property of the first of	2	4 . rar	ធ	8	:		-	:	35	:	94-76	1,842	158.50	1,90,5
מל פע	SCGARCANE AND OTHER CROPS.	Anitablement arrA.	2		81	1 5	i			:	2.4 8.7	:	77.50		3.33	2
- 1	87.0 013	oil of the leased and the coll is a sale of	2	2 ,-0	8:	28	:	-	:		्रकी 	:	&	1,58	3	1,960
the month	QXV .	beard areas intelliberation of the control of the c	2	8 - 2 -	£	25	: 	_:		.	:8	:	25	55	12	B
eng	OIL-SERPS AND Pulnes.	Arres leaved during blie month.	23	8 . 8 .	8	3	: 	:	ا		: :		:	2	8	25
Denigat aurung		Area branch up to of the late of the late of the	22	8	#	2	. : 	<u> </u>	<u> </u>	•	: 5	:		8	176	8
ביונו <i>א</i>	BACCO, COTTON, HUL- II, ULNOZE, WHEAL, UGARDEN PRODUCE.	Tokas area feasilities of the cold of the	=	11-11 6:21-25	28.	2,900	. : 		_		\$11-50 6,011		9,822.30	81,255	9.715.80	34,155
דיסומבו	D, COLT.	Amirab daring Amirab daring License and daring	2	25	\$	1,35		- :			25.00°	:	87.529	53	9,64678	2.2.9
	5 = 3	ol qu besed and. told to tal old dinon	•	8 .	£	1.34	; :	:	:		7,214.12	<u> </u> : : <u> </u>	7.404.7	918,08	Z	31,964
יייייי פי	IRRIG	Jeneral nove late? To but sild at qu Almont eff		1 1 ⁶⁷ : 1	ا . ا	Lī	:	<u> </u>		<u> </u>		: 		:	51	łi
Jurianna	DAIWA RICE TREE.	attrack darma Alternamik		. ig. ' i			:	. :	_:	<u> </u>	ı: ———	:			12	94
•	DAIT	of the leases of the off the latest to the off	•	11111	_	17	:	<u>:</u>		<u> </u>	1 1 	<u> </u>	_:	_:		- Si
Tr regueeou	VATER ANALS.	Avenge dasing in cube fast per seemd throughout the month.	•	# 150 150 150 150	<u>:</u>	 -	175'98	2	:	: -	r r	:	:	:	:	; !
און ושאונים	Heppe of Water is the Canals.	-dibilit hatenital Satin-ni entale Seet per second.	•	1,260 1,300 1,300	:	:	91.0	\$:	1.0°.	1,488	i	,	1	:
		<u>j</u>	e 0	E-ndraparah Pattanoondee High Level, Sec. I Toldundah	Total of the month	Total of the corresponding month of previous year	Midnepore	Panchkoorsh		Frevious year	{ Main Western { i Arrah	Patna	Total of the month	Total of the corresponding month of previous year	Grand total of the month	the corresponding
		ų.		ــېــ	Total	rear rear	:	i	Total	le corre	ټټ !	:: • • • • • • • • • • • • • • • • • • •	Total	al of the corresp previous year	d total	previous
		listnet.	-	Cuttack	: ن د	Total of the copressions year	Midnapore	Howrah		rocal of the	Shahated	Gys and Patns Patns		Total of 1	Gree	Grand total of the cor month of previous year
		Chvle.	-	Orles			Fourth .				Bone	ر	******		 .:	· j

The 14th March 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN BAILWAY---MAIN LINE.

Approximate Return of Traffle for week ended 10th March 1877, on 1.279? miles open.

	· · · · · · · · · · · · · · · · · · ·		-:	::					<u> </u>	—· <u> </u>	::	
		COVCRTM	a Tra	yfic.		Merchandi	inni M Cha Ab	rat. Tra vp ic.		TRAI	r Miles	RUK.
	Ko. of pamen- gers.	Co	achin	receipts.		Weight carried.	Hec	nipta.	TOTAL TRAPPIC RECEIPTS.	Couch- ing.	Merchan- dise.	Total.
T - 14	 	k».	A. P.	£ e.	d.	Mds. B.	Bs. A. P.	£ s. d.	ku. A. l'.			
Total traffic for the week	146,32%	2,01,450	8 G	18,776 13	1,	13,93,155 20	5.77.02J 10 0	62,865 18 Q	7,41,857 13 6	41,680	105,056	149,7454
Or per unic of ratiway For previous		160	1 0	11 13	5 !		450 14 S	41 6 R	610 15 2			
9 weeks of half-year	1,332,977	22,25,467	11 11	201,278 0	10 1,	,14,30,051 10 [. al C28.51.81	411,272 13 11	70,12,371 11 2	416,000.	×98,393\	1,330,269}
Total for 10 weeks	1, 170,2063	24,33,323	18 5	223,051 13	<u> </u>	.24,23,506 :50	53,90,805 9 5	404,166 6 11	74,24,220 8 N	400,GR5	100 min	1,460.085
Comparison.	1			1	İ				l			
Total for corre-		1			١				ļ ,	i	- 1	
week of pre- vious year Per mile of radway, cor-	124,973	1.89,612	8 3	17,581 2	11	9,17,468 30	4, tu, out 6 3	38,317 H 9	6,07,020 14 6	45,186	74,730	119,8%
responding week of pre-		140	27	13 11			320 10 z	2 0 15 10	174 14 0	l	Ì	
Total to corre- Total to corre- s p o n d i n g		138	z 7	13 11	١		a20 10 Z	≓, 19 10	476 12 0			******
date of pre- vious year	1,907,111}	22,44,036	1 3	200,635 16	ו'נ	10,251,427 30	41,02,880 S 11	884,351 1H 8	61,74,806 4 1:	477.461	745,014	1,223,776

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 10th March 1877, on 2233 miles open.

Total traffic for		R9.	А. Р.	L s. c	. Mds. 8.	Rs. A. P.	£ #. d.	Ru A. F		<u> </u>
the week	7,8254	23,205	3 3	2,127 2 1	2,51,132 0	67,989 5 0	6,272 7 1	91,394 8	4,474}	14,7834 19,657;
Or per nule of railway Por previous		163	Ц 4	9 10		303 13 10	ี่ ±7171	407 9		·····
9 weeks of half-year	70,7032	2,72,203	0 6	24,960 3 1.	20,25,960 0	5,09,773 15 0	46,7 <u>9</u> 9 B 0	7,82,086 15 (49,486	134,930) 151,1234
Total for 10 weeks	7%,520	2,05,448	8 y	27,087 6 10	22,76,993 0	5,77.763 4.0	62,961 13 7	8,73,261 7	51.361	140,720 204,001
Comparison.						j				
Total for corre- sponding week of pre-										
vious year Fer mile of	6,550	24,240	7 6	2,222 0 10	67,933 20	55'55t 2 0	2,057 7 11	46,466 9	5,460	5,29k 10,764
raiway, cor- responding week of pre-									ļ	
Total to corre- aponding	*****	108	5 5	D 1H 1		99 5 4	921	207 10 1		
date of pre-	66,961	2,21,845	11 9	20,385 17	10,14,852 30	220,142 A O	21,001 71 4	4,50,989 1	49,509	56,796 106,965

CALCUTTA AND SOUTH-RASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 10th March 1877, on 28 miles open.

·		Солситя Телуріс.	Meronand	ise and Mineral Traypic.	Total
	Anwher of passengers.	Coaching recents	Weight carried	Receipts.	receipts.
		Rs. A. P. & s. d.	Mds. Sr.	Rs. A. P. & s. d.	£ s. d.
Total traffic for the week	10,007	1,005 0 0 160 10 0	20,020 0	653 0 0 65 6 0	225 LG 0
Or per mile of railway	# 90	57 0 0 6 14 0	73P 0	23 0 0 5 6 0	800
For previous 0 weeks of half-year	95,71%	75,400 g v 7,510 v v	1,49,529 0	8,002 0 U 500 4 O	1,819 4 0
for 10 weeks	104,425	15,005 0 0 1,500 10 0	1,70,215 0	8,745 0 0 574 10 0	2.075 0 0
Comparison.					
Total for corresponding week of previous year	10,529	1,516 12 8 21 313,1	21,554 10	717 10 0 71 15 8	253 G D
week of previous year	387	61 2 2 6 8 8	700 82	25 10 1 2 11 3	7 19 6
healogs Agr	102,512}	13,589 11 9 1,555 19 5	1,70,006 20	6,729 12 5 572 19 6	1.928 78 11

Kastern bengal rallway.

Approximate Return of Traffic for week ended 10th March 1877, on 1584 miles open.

		DOACHING TRAN	ric.	MERCHANE	PISE AND MINERAL TRA	- · · · · · · · · · · · · · · · · · · ·	uz - voru
	Namber of passencers.	Coaching	receipts.	Weight carried.			Total receipts.
•	 	Rs. A. P.	£ z. d.	Mds. 8.	Ru. A. P. &	s. d.	£ s. d.
Total traffic for the week	41,106k	31,421 5 9	3,155 B 10	1,43,023 17	29,845 1 0 2.73	9 3	5,501 15 1
Or per mile of railway	270	217 # 2	ם אנ פו	897 18	188 13 7 13	7 6 3	37 A O
For previous 9 weeks of bulf-year	336,4221	2,17,009 11 6	22,705 16 2	15.95,565 31	3,22,651 × 10 ±0.567	4.5	62,278 0 7
Total for 10 weeks	9 :40,520	2.82,121 1 3	28,861 Z 0	17,37,350 8	3,52,430 0 10 32,300	13 ×	58,107 15 A
Comparison.		:					
Total for corresponding week of previous year Per mile of railway, corresponding	39,404}	23,556 12 1	2.334 5 7	1,76,558 26	30,134 7 0 2,743	6 5	5,446 12 G
week of previous year Total to corresponding date of	312	• 100 3 7	11 13 9	1,115 28	190 G 10 17	0 1	R2 2 10
previous year	880,054	2,74,746 12 3	25,185 0 6	15,64,407 36	2,02,987 15 5 26,867	4 8	53,043 & :

NALHATI STATE BAILWAY.

Approximate Return of Traffic for week ended 10th March 1877, on 271 miles open.

				· · · · · · · · · · · · · · · · · · ·		• • •
		Rs. A. P.	£ s. d.	Mds. S.	Ra. A. P.	Lad. Each
Total traffic for the week	2,533	1,039 0 0	103 15 0	ause o	354 9 6	35 12 0 Tay to 0
Or per mile of railway	83	3800	8 16 U	145 0	13 0 0	160 526
For previous 9 weeks of half-year	21,474	10,358 0 0	1,635-16 0	70,835 0	5,090 0 0	500 12 0 1,515 8 9
Total for 10 werks	21,706	11,397 0 0	1,130 14 0	71,871 0	0,452 0 0	545 4 0 1,684 18 6
COMPARISUS.						
Total for corresponding week of pravious year Per mile of railway, corresponding	2,019	945 15 0	96 11 10	7.418 1 0	612 11 #	GL B 6 157 77 4
week of previous year	74	83 7 2	3 10 11	273 13	22 7 11 :	2 4 11 5 15 10
Total to corresponding date of pre-	21,473	10,505 2 2	1,050 10 3	1.11,294 :30	9,347 1 3 ,	N9-11-2 1,959-4-5

No. 21 of 1877.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MAY 23, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazzen may receive the Sterianner separately on payment of Six Bupess per annum y delicered in Calcutta, or Twoloo Eupose if sent by Post.

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Rainfall, Weather, and State and Prospects of the Crops.

State count showing Rainfall, Weather, and State and Prospects of the Crops in the different District of Bengal, as reported to Government during the week ending the 19th May 1877.

	No	District, and date of return.	Rainfall at Sudder Station in inches.	
31	nga	is. Western Districts.		•
	1	Bardwan, May 21°77	1.87	The rainfull at Culna has been 68 of an inch, at Bood-bood '13 of an inch; and at Jehanabad 1 37 inches. The choic burset has set in. The sowing of some paddy has begun. Public health is fair.
	3	Bankoora, 19 ,	- 78	Weather—Cloudy and threatening up to 18th instant, when there was a fall of about three-fourths of an inch. There is every prespect of more rain. The rain has benefited the indigo crop, and will enable the sultivators to commence ploughing.
DIVE.	•	Beerbhoom, , 19 ,	-64	Weather-Windy, and with a threatening sky. There was a fair full of rain on the 18th instant. The state and prospects of the crops continue good.
BUIDWA	4	Midnapore, " 19 "	2-44	Weather—Mormal up to 17th instant, when heavy rain coming from the south- east set in as if the rains had commenced. Fine again on the 19th. The rain will be beneficial. The sowings of autumn rice will now be carried on every- where. The spring sowings of indigo are very good.
		Hooghly, 19 ,,	-90	Weather—Cooler than last week. Cloudy, with rain since 18th instant. The rain will prove very beneficial. The sowings of early rice, jute, and ginger, are going on. Early rice has germinated at places. Cholera has abuted. Cattle disease is still prevalent in the Pandoonh station.
<u>;</u>		Howrah, " 19 "	-47	Weather—Cloudy. The recent rain will help the cultivators for ploughing their lands.

Tulogram of the Elet May shows rainful decing the seven days immediately preceding.

	II.	 io.	District, and		Rainfall at Sudder Station in inches	
1	BEN	GAI	i.—(Continued.)			
• •	•		Central Distric	ote.		
		6	24-Pergunnaha.	May.21°77	271	Weather—Unsteady; great heat followed by heavy showers. The sowings come, or early rice, and jute are progressing favorably. Public health generally fair.
· .		7	Madden,	. 19	-70	The rain has been general, and was urgently required. The crops promisfairly well.
			Jemore,	, 19 ,	1.75	Weather—Changeful, Spring rice is still being harvested. The sowings autumn rice and indigo are completed in the north, but are still going on the centre and south of the district. All prospects are favorable. The land being prepared for the winter rice crop.
• :	į	9	Moorsbeaubad,	., 19 ,	-16	Weather—Hot and occasionally cloudy. Boro dhas is ripe and is being cut. Lan is being prepared for the winter rice. Bhadoi crops are in places beginning trequire rain. Cholera prevails in the cast of the district.
	{	10	Dinegepore.	18 ,,	-08	The rainfall of the week, though very little, is sufficient. Bhadoi and other cropare doing well. Ploughing for the winter rice is being pushed on. Cholera still bad, and deaths are numerous.
		11	Rajshahye,	. 19 .	-41	Weather—Variable. Sometimes hot and oppressive, and at other times storm and cool, with occasional falls of rain. The rain has improved the prospects early rice, jute, indige, and til (consumm), but more is still wanted. The cutting of spring rice has commenced in the north-cast of the district. Choles
est of the state o	Mark Latve.	18	Rungpore,	, 18 ,	1.43	has almost altogether disappeared. Weather—Slight gales from the north-west on the evening of the 15th, 16th, as 17th instant. The rainfall at Galbanda has been '83 of an inch, and at Kur gram 1-61 inches. The state and prospects of the crops are good. Some choice cases were reported in the Galbanda and Kurigram sub-divisions, and also the Sudder sub-division.
		18	Bogra,	, 19 ,	*36	Weather—Stormy. On the 15th instant a heavy gale passed over a narrow str of country about 8 miles by \(\frac{1}{2}\) a mile, blowing down the Madhoopore output as several houses in its jurisdiction, and damaging the trees and crops slight! Til, some and booms rice, juta, and sugaroune, are getting on well. The reces rains are likely to do good to these crops. Ploughing of lands for the ame sowings have been busily undertaken.
: .		14	Pubas,	,, 19 ,,	2.50	Weather—Cool and cloudy. There was a heavy rainfall, attended with hail ar strong wind, on the 18th instant. The prospects of the crops are favorable.
Ā		15	Darjeeling,	,, 18 ,,	-68	There have been frequent showers of rain with intervals of bright sunshine. the plains the blades rice sowings are all over, and in some places blades has sprang up and are looking well. The Assaussis rice sowings have commence The young crops in the hills are progressing favorably.
		16	Julpigores,	,, 19 ,,	1.23	Weather—Rainy, alternating with sultry clear weather. The condition as prospects of the crops are favorable in all the thanss. In Boda, blade heimself and jute sowings are finished, but are somewhat damaged by the heavy rains. In the Bufa sub-division these sowings are also completed, as are very promising.
	_		Cooch Behar,	, 17 ,,	o"(2	Weather—Frequent heavy showers; sun very hot when not cloudy. The rainful at Mathabhanga haf been 44 of an inch, at Mekligange 2 inches, and Dinhatta 95 of an inch. General prospects of the crops are good. More weeding is required to keep jute and early rice from being choked by gramming to rain. Public health is good. No cholera is reported as yet.
		•:	"; Lastern Distri	cts.		
•	í	17		May 21† '77	2:44	State and prospects of the crops are favorable. Cholcra is still bad in Roopgung
	1	٠,	f:: sedpore.	" 19 "	1.17	Weather—Still very wet for the season of year. During some days it we extremely hot, but has become cool again. The rainfall at Madaripore he been 1-77 inches, and at Goalundo 83 of an inch. The cultivation is bein seriously interfered with by the continued wet weather.
	DAY.	16	Backergunge,	. 17 ,	*54	Rain has again been general this week, and the autumn rice has been slight injured by it. In Dukhin Shabaspore a larger area of land than usual h been sown with autumn rice this year. There is a good deal of cholera all ov the district The cattle are healthy everywhere.
(ě j	•••	Mymensier,	" 18 "	1-86	Weather—Unusually cool and rainy for this season of the year. State a prospects of the crops are good.
		21	Tipperah,	., 18 ,,	1:11	Weather—Fine, with occasional storms. 1.61 inches of rain at the sub-division Ploughing for the rice crops is going on more briskly. Isolated cases of chole are reported in various parts of the district, but no epidemio is heard of.
	-		l Res	- of the St		ore related during the cover days immediately preseding.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

T.		Dist	BICT	.	State)78.	Rain from 19th April to 5th May 1677.	Rain from 6th to 19th May 1677.	RATE	PROM 187 1877. Up to date	ROMADES
-		<u></u>			 	· • · · · · · · · · · · · · · · · · · ·	=	 	 	 	
B)	SN I	igal. Western	There		•		Inches.	Inches.		1877.	
	١	AA ERLEEN	DIG	BICTE	Randon		0-12	0:36	6:25	19th May	
		Burdwan			Cutwa Culna	••	Not rec. 0.61		9:34 7:71	ditto	Not reed. 29th April to 5th May.
		Durawan	•••	•••	Rancegunge	·	Nil 0.05	1·12 0·19	5:04 4:90	ditto	•
	II	Bankoora			Hambaam 0		0.45	Nil 0-99	7 70 5·79		ļ ,
	I	••			Roome	•	Nil	017	6-87	ditto	! • .
'A.		Beerbhoom	·	•••	Hotampore Roypore		ditto 0-10	0·19 0·68	7·76 5·47		!
BURDWAN.	{	:			Midnapore		0-44	1-13	11.06	ditto	!
Ā		Midnapore	•••		Tumlook Ghattal		0.68 0.68	0.70 0.21	8·85 8·78	ditto ditto	,
				į	Contai	lr.'s Office agr.'s Office	0.63	1.70	10.65	ditto ditto	
		Hooghly		{	Honghly	-	1.77	0.20	8·79 9·87	ditto ditto	
		llowrah		}	Howrah Maheshrakha		0.73 0.40	0.81	11.20 8.36	ditto	
		CENTRAL	Drett	RICTO.		• •••	1	0- 10	6.90	unto	
	١			1	Saugor Island Calcutta		0-40	0-80	9:80	ditto	
					Alipore { Dispen	sary	0.48 0.48 0.57	0.78 0.80 0.71	10:85 10:45 10:74	ditto ditto	
ا	rl.	94-Pergunn	ahs		Busserhat Paraset		1·79 0·87	0-84	9·81 9·46	ditto ditto	
					Districted Harbour Barripore Satkhira	• •••	1.90 4.77	1.31 0.38	14.20 18.18	ditto	
ļ					Barrackpore Dum-Dum		3·96 (··92 1·33	1:49 0:58	17:09 9:35 9:58	ditto ditto ditto	•
pi.				Ì	Kishnaghur	• •••	0.78	0-34 0-27 0-18	18:82 11:06	ditto ditto	
DESC	:	Nuddra		{	Meherpore Choondanga Kooshtea	• •••	1·35	0-47 0-49	11.41 19.42	ditto ditto	
PREEDRUCE.				į	Ranaghat	• •••	1.00 1.27 8.58	0:85 Nil	9.61 9.18 14.40	ditto ditto ditto	
_		Jessore		{	Narrail Khoolna	•	1°88 3'83	1.87 1.95 0.89	19·07 19·42	ditto di t to	
ı	ľ		•••	-	Jhenida Hagirhat Magocrah		9·10	V-49 Nil	14.96 90.84	ditto ditto	•
.	ŀ	٠.		i	Berhampore Ramperchant		2:95 0:08 Nil	0°70 0°63 0°57	15·61 8·76 7·49	ditto ditto ditto	
1	۱,	M oorshedab	d	≰	Lalibagh Jungypore	•••	0.64 0.43	0 55	975 860	ditto ditto	
			•	. [Azimgunge Lallgolla Kaudee		Nil 1:48	0.48 0.89	9·28 9·59	ditto ditto	
•	١.	Dinegepore		•	Dinagepore	·	0°05 0°78	0.22	7·74 4·03	ditto ;	
j	1	Maldah	•••	{ {	Keigunge Maldah	:::	0.41 0.80	0'61 2'14	6.70 5.91	ditto ditto	
 :	h	Rajebaliye		{	Bauleah Nattore		0.80 0.82	0*28 0*49 0*88	5·56 10·7½ 7·99	ditto ditto ditto	
Radunaire.	1.	.		j	Rungpore Bhowanigunge	•••	V-31 Not rec.	9-30 0-91	9-U7 5-04	ditto ditto	Not reed. 29th April. to 6th May.
51	ľ	Rungpore	•••	}	Kurigram Bagoogra Bogra		2.62 2.47 0.20	1.48 1.83	12·08 8·09	ditto ditto	
	ŀ	Bogra	•••		Sherpore Nowkhilla	•••	0.58	0.65 1.90	5: 89 7: 6 0 4:76	ditto ditto ditto	
- 1	l			l	Panchbibi Halulya		1.04 Nil	1.00	3·79 3·63	ditto ditto	
Į	۱,	Pubna		{	Pubna Serajgunge		1:38 0:60	2-36 U-83	14·17 8·08	ditto	
ſ	١,	Darjeeling	•••	• •	Deviceling Teleg	raph Office	0-68	Not rec.	18-09	5th May	
Break		•			Julnizorce	ital	0·87	0-76	14-91	18th M ay	
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W In the interior the prices range as follow:—Wheat 20 to 20 seers, barley 30 to 40 seers, best rice 10-8 to 18 seers, common rice 15-8 to 19 sours, leaser millets 36 to 46 seers, maize 30 to 40 seers, and gram 21 to 32 seers.

X In the interior the prices range as follow:—Wheat 22 to 25 seers, barley 35 to 40 seers, best rice 20 to 23 seers, common rice 21 to 25 seers, and gram 22 to 30 seers.

Y In the interior the prices range as follow:—Wheat 23 to 33 seers, best rice 23 to 24 seers, common rice 24 to 26 seers, and gram 26 to 32 seers.

In the interior the prices range as follow:—Wheat 10 to 20 seers, best rice 16 to 23 seers, common rice 21 to 24 seers, and gram 21 to 24 seers.

In the interior the prices range as follow:—Wheat 18 to 25 seers, barley 28 to 30 seers, best rice 16 seers, common rice 20 to 23-8 seers, lesser millets 36 to 40 seers, maize 36 spors, and gram 20 to 34 seers, best rice 26 seers, common rice 26 to 34 seers, maize 36 to 40 seers, maize 36 spors, seers, best rice 20 to 26 seers, common rice 26 to 34 seers, maize 38 to 40 seers, and gram 18 to 20 seers.

Published for conversal informatic.

Published for general information.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

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Districts of Bengal for the Fortnight ending 15th May 1877.

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- In the interior the prices are as follow:—Wheat 18 to 20 seers, best rice 21 seers, common rice 28 seers, and gram 25 seers.

 In the interior the prices range as follow:—Wheat 18 to 20 seers, best rice 18 to 16 seers, common rice 18 to 23-8 seers, and gram 22-8 seers.

 In Sersjamure the prices range as follow:—Wheat 18 to 13-6 seers, best rice 6-8 to 13 seers, common rice 13 to 22 seers, lesser millets 13 to 16 seers, mains 16 to 40 seers, and gram 10 to 16 seers.

 In the interior the prices range as follow:—Wheat 8 to 13-5 seers, best rice 11 to 14 seers, common rice 13 to 22 seers, and gram 8 to 13-3 seers.

 In the interior the prices range as follow:—Best rice 16 to 20 seers and common rice 23 to 24 seers.

 In the interior the prices range as follow:—Wheat 16 seers, best rice 12 to 16 seers, common rice 18 to 25 seers, and gram 16 to 20 seers.

 O In the interior the prices range as follow:—Best rice 14 to 16 12 seers, common rice 16 to 16-12 seers, paddy 26 to 30 seers, and gram 18 to 13 seers.
- Secre.

 1. In the interior the prices range as follow: Wheat 13 to 30 secre, best rice 13 to 30 secre, common rice 24 to 39 secre, and gram 13-1 to 16 secre.

No. 104C.T.—23rd Reptember 1953.—In pursuance of the provisions of motion 9 of the Hengal Kinanca (Gales Tax) Act, 1941 (Bengal Act VI of 1941), the following names and additions of registered dealers together with a description of the goods

covered by their registration certificates where registrations under the Act were cancelled wit effect from the date noted against each of their are published for general information:—

Serial. No.	Name of the dealer,	Address and chief place of business.	Additional place of budgets	No and date of registration cartificate,	Goods for the use in teamilies of continuity	Goods for remin,	Date of captal- lation
1			4•		• •	7	
1	Bhujraj Marakshand	Sainthia, Bithiana	••	A\$/860A, 36-1-46.	• ••	Stationery articles, eigersties, sode, bettery, erape, tolist moods, ready-aude gar- ments, alaminium goods, hardwares.	11-0-50.
2	Nilmani Saha ,	Matingerbauer, Kirna- har, Birbhum.	••	AB/1890A, 29-5-50.	****	Cluth, ready-made garments, hosiny goods.	14-0-58.
8	Atıl Ch. Nayak Sambin Nath Kahato.	Dubrajpur, Birbinum	••	AH/1407A, 8-1-51.		Ready-made garments, ho- siery, cloth and obtton.	14-0-48.
4	Rhupati Birusan Pra- manik.	Mollarpur, Birbhum	••	A5/976A, 00-12-48.	• ••••	General therehendies as and when required for remis.	16-0-68.
5	Majunder Mertrie Company.	28/3, Thumapukur Lane, Calcutta.	• •	BD1/1978A, 22-6-50.	Bras, copper, iron and alumidium and A, B certified for, any process in the mainfacture of transporacies, and fittings, switched, lightlyttings, W. T. hencists for main.	Minorarigal guade	14-0-58, (
•	Ashaka Trading Co.	159, ('enfral Avenne, Calcutta.	••	BDI/IS1 ▲, I∯-II-51.	•	Mill stores, surgical and me- dical aundries, chami- cals and patnersis, hard- warts, from and steel pipe fittings, rubber gouds, macinizery and took.	1 7-0-85.
7	The Hindusten Board Mills, Ltd.	84, Murariyakar Road, Calculta.	••	BD7/10064,\$ 10-7-50.	Whate' paper, chemicals, lub- rienting oil and A, B certi- fici for any process in the manufacture of card board for mis.	•	17-9-88,
, •	Shyama Rice Mill	11/tH, Canal Circular & Mond, Daspara, Calcutta.	••	RDI/817A, 29-9-41.	Paddy bollefund A, B, Con- tified for any processin the manufacture of rice for sale.	Rice	17-0-40,"
•	Kumariai fiqiyanara- yan	84A, Upper Chitpur Road, Calcula.	••	BDI/2077A, 19-3-41.	•	Bullius, jute products	17-0-60,
	Jogendra Nath Fen	Mond, Chirutta.	••	BDI/1409A, 24-6-41.	** *	All sorts of oil, soda, jute bags, oilcake, uninabadam, cuir string, containers, drums, spicus, shaette paper and general merciandise as and whon required.	17 -9-52.
أ أاحرا	Senitary Stores Pupply ('u.	21/1, Russa Read, South Kalighat, Calcutta,		BII (2008A, 21-8-51.	•	Defines materials, plumbing n statistic, G. I. pipes and fittings, tanks, G. J. P. silings, tanks, mailtary carthouware;	14-0-68,
12	Jigrendra Restralasa	5, Tollyfunge Circular Boad, Calculta.	:	BH/2855A, 4-8-52.	• • • • • • • • • • • • • • • • • • • •	Mill-made and handkom oluth.	15-0-58,
18.	Hitnininy	36/2 Russa Road,	•••	BII/9831A, *		Hoslery guids, silk, cloth, plote-goods.	15-0-58,
	Das & Das, Limited	Calcutta.	••	BH/2161%, 29-6-51.	•	Motor tyres, acremories, bi- tures, roal.	1 5-9-58.
, 15	Segar Chandra Melty	4/1, Orphangumer Market, Kidderpere, ('alriita.	••	BH/62304, 1-0-48,		Georgia, stationeries, bio- cuita, confertioneries, spiros, olla, matches, ciga- reties, super, dilman stores.	17 -9-88 ,
	ry.	Bajepartappur, Buniwas	. •			Olia, musterd, ourcemet, ba- dam, custer and also mired oil, terusone, gise, veget- able, roulter, phenyis, fur- poutins, rement, variation, tobacco, oileake, finances, anda ash, rereals, polato, onion, barley, tas, arrow- rout, penril, glass, soap, bereit, yars, rupes, agaz- ready, hard wars, papers, javia, dokta, chalk, lak, eaterin, jute string, pulses, provisions.	21 -0-82 ,
17 1	The Bongal Engineering	Sir B. Q. Road, Nati Babu's Bassr, Rest was.	••	HR /800A, 1	Medigrated spirit, timber, wood, wooden planks and A, B certified by the purchased dealer to be required for use in any process in the manufacture of furniture for mic.	Timber, wood, planks, me- * thylated spirit, furnitus and general merchandise as and when required.	11-9-68.

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rial No.	Name of dealer,	Address and chief place of business.	Additional place of business.	No. and date of registration certificate.	Goods for the use in manufac- ture or in the execution of contracts,	Goods for reads.	Date of cancel
1			. 4	5	•	*	8
23	B. B. & Co.	86, Netaji Subbas Boad, Calsutia.	• •	CSIII/1687A, 18-7-48,	•	Tea sarden stores, cultiery, marine and mill stores, hardware, paints, electrical spoods, lubrivating oils, rubber, rubber goods, glassware, aluminium wants, statunery goods, honery goods, leather goods, pipe and pipe fittings, tea, wood, wire and wire netting, glass sheet and furniture.	11-04
34	Jiwan Corporation	10, Jackson Lane, Calcutta	•	(2117/1914A, 27-10-50.	•••• • .	Printing ink, electric fan, book entitled enduring suc-	11- 9- 8
\$5	Victory Candie Enetory	167, Netaji Subhas Boad, Calcutta.	••	CBIV/1527▲, 4-0-48.	Way, coal, yarn, elle, barley, four, labels, paper and A and B certified for any provess in the manufac- ture of candlo.	Candles and wax	11 -0-1
36	Melia Abdulla Bhai	110A, Harrison Road, Calcutta c		CJL/1499A, 26-1-47,	Cotion yars, paper, card- board, packing materials and A. B. Corridad by the purchasing dealer to be required for use in any process in the insumfacture of thread as a socion yars	Throad and cotton yarn	71-9-58
27	The Leather Rouse	Ris, College fitzent Mar- liet, Coloutta.		OL/1184A, 16-8-44.	thread, Jin, wax, emery paper and A. I. C. outsified by the purchasing dealer to be required for use in any process in the manufacture of shock for		1 8-0- 4
88	Scoo Blagwan Jiwin- musi.	Enlowarpathy, Matha- bhanga, Cooch Lebar.		CB/125A, 20-3-91.	ando.	Spice, pulses, to bacco, jute, molasses, sugar, cloth, sait, mustard seeds, mentard cli- bidi, eigarettes, materior, vegetable products, eccon- nut cli, gur, groundant cli, scap, ropes,	14-9-4
	Segarmal Remorwacial	Chowdhurihat, Raman- hat, Couch Hehar.		CH/2R2A, 14-6-51.	Se	Jute and silver	18- 9 -
80	P. N. Mandi & Co.	14/2, Old China Basar Street, Calcutta.	•" .	EL/1980A, 17-10-49.	•	Paper, biri leaves, coment, stationary goods, machine oils, rubber goods, machi- nestes, hosiery goods.	11-9-
. 21	Nathroy & Co	6/1, A. K. Roy Chaudhury Lane, Sibpure, Huwzah.	e	HW/1982A, 2-10-51.		Building materials, from red, from plates, tim plates, timber and read construc- tion implements.	10-9-
88 ,	Serbemengala Bhander	49, Tripura Roy Lane, Howrah.		HW/1254A, 14-3-51.		Greery articles, spices, mus- tard oil, sait, molaraus, provisions and fuels.	10- <u>9-</u> 1
38	Speckesh Santra & Radha Math Santra-	Hakahi Deulgram, How- rah.		HW/1442A, 20-3-52.	****	All sorts of cloth and year	14-9-
84	Bengal Steel Factory	400 Grand Trunk Road (North), Howrah.		HW/574A, 20-6-44,	Rinck slicets, M. S. bars, wire, paint, varnish and A, il corriled by the purchasing dealer to be required for use in any recess in the manufacture.		16-0-4
45	Hem Chandra Aich	Alipurduar, Jalpaiguri		JP/200A, 18-2-45,	process in the manufacture of steel trunk and suitosse, for sale,	Cloth of all description, ho- stery goods, cotton, ready- made parments and woolen	1 4-9- 5
36	Neogi Brothers	Alipurduar, Jahpaiguri	••	JP/1008A, 18-2-51.	•	cioth. Aluminium wares, brase wares, copper wares, hardwares,	14-0-4
37	Kandai Store	Jaipelguri	e e e e e e e e e e e e e e e e e e e	JP/885A, 14-7-49.	•	glasswares, Handicom and mill-made cloth, piece-goods, ready-made garments, hosisty goods, unbrolla and cloth, yarn, thread, allk products, warden goods, webs. westerproofs, rubber cloth.	1 4-0- 4
86	Satyanaşayan Sagarma	l Japaiguri town	· · ·	\$P/471A.	•	terproofs, rubber cloth. Cloth, ready-made garments, hostery goods, umbrells and woolkn goods.	14-9-
30	Aluhoy Pharmacy	Rarabamar, Santipur, Nadia.		KR/1544Å, 14.8-52	• • • • • • • • • • • • • • • • • • • •	l'atent medicines, invalid foods, surgical goods, milk- puwder, rubber goods, toilets, perfumeries, chemi-	14-0-1
40	West Bengal Glass- ware Co.	22, Cauning Street (Gorund Floor), Calcutta.	••	LB/1482A, 10-4-48.	••••	Clienware, carthenware, coa- melware.	15-9-
.41	Jambay Varioty Starm,			MH /50A, \$9-9-41.	••••	Stationery, taxifies and clocks, see ing requisites, passes medicines, glassware, curves goods, hoster, curves, speciag poods, evolution, methylated spirit, aluminium, brass, custalised and alpricis gnots, galvanized buckets, insider ward, taken	1444
					-	ismp, empty phills and	

icial No.	Mathe of dealer.	Address and chief place of business.	Additional place of business.	No. and date of registration, certificate,	Goods for the use in manufac- ture or in the execution of contracts.	Goods for resals,	Date of " rangel- lation.
1			4	8	6		. 8
42	Jubilee and Company	90, Bowhamer Street, Calcutte.	•• ·	SI./2504A, 18-11-52.	•	Medicines, chemicals, sta- tionery, tea, oil and scaps.	140.00
45	Dulai Krishna Bose	Shoomphully, Hooghly	•	8P/94A, 12-9-4I,		Flour (ste, sull), oficuke, rice, salt, melance, broken rice, brak, orment, oll.	71-0-88,
- 44	Kalimata Bastralay	155/1, Upper Chitpore Road, Calcutta.	·;•	871/1 629A , 24-1-50,	••••	Handloom woven and mill- made cloth, hoslery goods.	14-9-58,
4	Associated (Asiatic) Associate, Lad.	94. Cornwallis Street, Culcutta.	•• •	RH/1245A, . 25-5-48,	Medicines, oils and A, B, C certified for use in any process in the manufacture of prescription and tollet products for sale.	Caniculatories, disinfectants, perfunerics, medicines, surgical instruments, and spitiances, territs and trilot requisites, stationories in ovisions, oils, medicated wines, fancy goods, lustian goods,	17-9-58.
46	Mahakali Hestralaya	Basirhat Hazar, Pasirhat, 24-Parganus,	••	PG/1510A, 4-9-52		Mili-made cloth, handloom cloth, yarn, houlery,	15-0-59.
47	Mesers. Diamond Co- operative Stores, 14d.	Diamend Harbour, 24-Parganas.	·	PG/560A, 9-12-46, :y		Textiles—mili-made, hand- loom, sugar, atta, sour, coccanut oil.	15-9-58.
48	Gulabrai Manoharjai Co., IAd.	183, Cotton Street, Calcutta,	Midnesibro (8).	BDII/76B, 17-11-48,	Paddy and A, B certified for use in any process in the manufacture of rice, mus- tard oil, pulses, sta and oil for sale.	Olis, spices, sends, bass, piece- gunds, iron, from sheets, and gunny bass.	11-9-53,
49	Hiralal Tibrevals	57, Sir Hartram Gotoka Hireot, Unicutta.	••	BD11/2402A, 14-1-52.	?	Riiver, spiers, kirana, oli meda silk, wuolien goods and dispossi goods.	14-9-58.
50	Muriidhar Omprakash	13, Namin Presed Babu Lane, Calcutia.	••	BD17/1607A, 9-4-47,	, [*]	Spices, textile goods and other general merchandise, as and when required and certified by the dealer for runale.	1 6-9-5 3,
	_		_		l'ann ma . a . a	, v	_

Explanatory note.—Regarding goods for use in manufacture or in the execution of contracts the following code letters have been used to indicate the meanings noted against each:—

(A) Other raw materials.

MEDICAL AND PUBLIC HEALTH DEPARTMENT

Medical

• NOTIFICATIONS.

Calcutta. — No. Medl., 5858/1N-10/53. — 24th September 1953.—Whereas the electorate of registered midwives referred to in clause (m) of section 4 of the Bengal Nurses Act, 1934 (Bengal Act X of 1934), has failed to elect a registered midwife by the date fixed by the State Government;

Now, therefore, in exercise of the power conferred by section 5 of the suid Act the Governor is pleased to appoint Miss. S. Framji (registered midwife), Matron, Chittaranjan Seva Sadan, Calcutta, to be a member of the West Bengal Nursing Council to represent the registered midwives.

Calcutta,—No. Medl. 5859/1N-10/53. — 24th September 1953.—In exercise of the power conferred by clause (n) of section 4 of the Bengal Nurses Act, 1934 (Bengal Act X of 1934), the Crovernor is pleased to appoint Miss. A Thomas, Matron, Nilratan Sircar Medical College Hospital and Mrs. B. C. Das Gupta, to be members of the West Bengal Nursing Council.

No. Medl. 5860/1N-10/53.—24th September 1953.—In pursuance of section 6 of the Bengal Nurses Act, 1934 (Bengal Act X of 1934), the Governor is pleased hereby to publish the names of the undermentioned persons who have been duly elected or appointed under section 4 or section 5 of the section 5 Nursing Council as noted against each:

Dr. P. K. Guha, M.B., M.R.C.S., D.O.-M.S., elected under clause (k) of section 4.
 Dr. H. N. Roy, M.F. F.R.C.O.G., elected under clause (1988) section 4.

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(B) Plant, machinery, spare parts, accessories and consumable stores.

(C) Building or plumbing materials or fixtures required for construction, fitting out or repair of any building.

"H. N. RAY, Commissioner.

Miss Marie De Silva, elected by registered nurses under clause (m) of section 4.

Mrs. Ethel E. Duvid, elected by the registered health visitors under clause (in) of

5. Miss S. Framji, registered midwife, appointed under section 5.

Miss A. Thomas, appointed under clause (n) of section 4.

Mrs. B. C. Das. Gupta, appointed under clause (a) of section 4.

By order of the Governor, B. C. DAS GUPTA, Secy.

Gefautts. — No. Medl.5341/2N-49/53. — 4th September 1953.—The Governor is pleased to appoint Dr. Szimanta Ramar Banerjee, M.B., of the West Bengal Medical and Health Service, House Surgeon to the Professor of Midwifery, Medical College, Calcutta, temporarily to act until further order, as House Surgeon to the Professor-Director, Department of Midwifery in the same institution with effect from the data on which he joins the with effect from the date on which he joins the post, vice Dr. A. K. Mitra appointed as Resident Surgeon, Eden Hospital, Medical College Hospitals, Calcutta.

Calcutta. — No. Medl.5342/2N-49/53. — 4th September 1953.—The Governor is pleased to appoint Dr. Kshitindra Mohan Gun, M.B.B.S., of the West Bengal Medical and Health Service, now on supernumerary duty at the Medical College Hospitals, Calcutta, temporarily to act until Service orders as House Surgeon to the Professor of Midwifery, Medical College, Calcutta, with affect from the date on which he joins the post, vice In Sermanta Kumar Banerica.

Calcutt Bankura.—No. Medl. '5485/DHS/IS-(10)/53.—9th September 1953 - The Governor is pleased to appoint Dr. Sudhu Chandra Masundar. M.B., of the West Bengul Medical and Health Service, at present on supernumerary duty at the Medical College Hospitals, Calcutta, temporarily to act until further orders as the Civil Surgeon, Bankura, in the West Bengal Higher Medical and Health Service, Grade II (Administrative), with effect from the date on which he joins the post, vice Dr. Sukumar Basu allowed to proceed on leave.

2. This cancels notification No. Medl. 5398/ OF/1A-29/53, dated the 7th September 1953.

Midnepore-Hoeghly.—No. Medl. 5486/DHS/18-30/53.—9th September 1953.—The Governor is pleased to appoint Dr. Satipati Gowami, M.B., Assistant Surgeon, Sadar Hospital, Midnupore, of the West Bengal Medical and Health Service, temporarily to act until further orders as the Civil Surgeon, Hooghly, in the West Bengal Higher Medical and Health Service, Grade II (Administrative), with effect from the date on which he joins the post, nice Dr. H. K. Indra appointed Deputy Director of Health Services (Administration), West Bengal.

Murchidebed-Midnapore. — No. Medl. 5487/DHS/18-30/53.—9th September 1953.—The Governor is pleased to appoint Dr. Haridas Banerjee, M.B., Assistant Surgeon, Sadar Hospital, Berhampore, temporarily to act until further orders as Assistant Surgeon, Sadar Hospital, Midnapore, in the cadre of the West Bengal Medical and Health Service with effect from the date on which he joins the post, eree Dr. Satupati Goswam.

Calcutta-Murchidahad.—No. Medl.5488/DHS/18-30/53.—9th September 1953.—The Governor is pleased to appoint Assistant Surgeon Dr. Muralidhar Sen Gupta, M.B. (Cal.) D.O.M.S. (Lond.), at present on supernumerary duty at the Medical College Hospitals, Calcutta, temporarily to act until turther orders as Assastant Surgeon, Sadar Hospital, Berhampore, Murshidahad, in the cadro of the West Bengal Medical and Health Service with effect from the date on which he joins the post, rice Dr. Haridas Bauerjee.

Oaloutta.—No. Medl.5510/DHS/5A-80/53,—11th September 1953.—The Governor is pleased to confirm Shri Nityanauda Sarma, M.A. (Com.), in the post of Secretary, Presidency General Hospital, Calcutta, in the West Bengal General Service with effect from the 7th August 1953.

Calcutta-Midnapore.—No. Medl. '5511/DHS/5A-30/53.—11th September 1953.—The Governore is pleased to confirm Shri Benoy Kumar Das Gupta, M.A., now posted as Secretary at the School of Tropical Medicine, Calcutta, on foreign service terms, in the post of Secretary, M. H. Bangur Tuberculosis Sanatorium, Digri (district Midnapare), in the West Bengal General Service with effect from the 16th August 1953.

Galcutta.—No. Medl. 5518/('F/22R-23/49.—11th September 1953.—The Governor is pleased to post temporary Assistant Surgeon Dr. R. N. Chakravarii, M.B., on supernumerary duty at the Medical College Hospitals, Calcutta, with effect from the date on which he joins the institution till he attains superannuation.

ber. Medl. 5566/DHS/1P-25/5-3.—14th Septemleave 3.—The Governor is pleased to grant earned t. 2 O.Dr. P. C. Datta, M.B. Ch.B.(Edin.),), London.), M.R.C.S. (Eng.), F.R.C.S. Direct. (Edin.), Special Officer (Supervisfor the period from the 24th October 1958 to 16th November 1953 under rule 168(1) of the West Bengal Service Rules (Part I).

By order of the Governor, P. M. DATTA, Dy. Secy.

Public Health '

NOTIFICATIONS.

No. P.H.3014/H-24/52.—17th September 1953.
—In exercise of the power conferred by clause (a) of section 76 of the Bengal Municipal Act, 1932 (Bengal Act XV of 1932), the Governor is pleased to make the following amendment in the rules published with notification No. 1470M., dated 9th April 1934, as subsequently amended, the same having been previously published as required by subsection (1) of section 505 of the said Act, namely:—

Amendment.

In rale I of the said rules, after the words "Heulth Officer", insert the following, namely:—
"or an Assistant Health Officer".

By order of the Governor, B. C. DAS GUPTA, Sery.

No. P.H.3106/3D-24/53. - 25th September 1953.

The Governor is pleased to re-employ Shri Arun Kumar Bankrjee, B.Sc., B.E., A.M.I.E. (Ind.), as a temporary Executive Engineer under the Directorate of Health Services (Public Health Engineering), West Bengal, for a further period from the 12th August 1953 to 28th February 1954 in connection with the scheme for construction of 500 tube-wells in the distressed areas of 24-Parganas.

P. M. DATTA, Dy. Segs.

বাস্ত্র - বিভাগ।

DEPARTMENT OF WORKS AND BUILDINGS

, नरहा।

Establishment-

NOTIFICATIONS.

নং, ৭০ ৷— ২২০ে সেপ্টেম্বর, ১৯৫০ ৷— নির্মাহী বাল্ট্রার ও বিশেষ আধিকারিক (সারপ্রশা) শ্রীলটিং কুমার ঘোষকে সরকারী কার্যাবালনের মুখ্য বাল্ট্রানের করণ, হাইডে ফালী করিয়া প্রসারকো প্রশাস প্রেনিকোলী সম্ভালের অধীন নিটি ভূতির ভারপ্রান্ত আধিকারিকর্তেশ বিনোপ্ত করা প্রবৃত্ত »

No. 70.—22nd September 1953.—Shri Suchit Kumar Ghosh, Executive Engineer and Special Officer (Manuals), is, in the interest of public service, transferred from the office of the Chief Engineer (Works and Buildings) and posted to the charge of the City Division under the Presidency Circle until further orders.

तर २১ — २२०न ठाटकेच्या ১৯৫० — स्थानांका विन्ताहरी साम्युक्तकं विकासका नाथ सन्दरक दर्शानद्यकानी वन्त्रद्यात प्रयोग विश्वेष कृष्टि स्रोतिकं नत्रकारी कार्याचानकारन काणी कविता नद्यवादान कार्यका व्यवहार्वकंत्रकं कारन विद्यास व्यवस्थित (मास्यान्य) स्टूट निद्यास कार्य स्ट्रीका

To do Block

	No.	District,	and da	te of		Reinfall et Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of besith at date.
В	adn:	L.—(Continu	ed.)		•		
• :	•	Eastern Dis	triots.	w			
	21	Chittagong,	May	17	77	-35	Weather—Hot and close. The prospects of panis none are good. Rain is generally wanted. Cholera has almost entirely abated.
e Div	23	Neakholly,	•	17	50	-08	Weather—Seasonable; alight rain on the 10th and 11th instant. Cultivation is progressing favorably. Health of the district has much improved.
CRITTAGORG DIVE.	24	Chittagong Tracts,	Hill "	15	•	-69	Weather - Seasonable; hot at noon. In some parts of the district the young shoots of paddy are thriving well. Sowings in the jooms are progressing well.
	i Har	Hill Tippera	h, "	16	••	3.13	Weather. Stormy. Close during the day. No change in the state of the crops. The sowing of sous paddy is going on. Cholcra has shated at Agartana.
	(25	Patna,	May	210	.77	-81	Weather-Partly cloudy and partly clear. The rain of the 20th instant has
	26	Gya,	,,	19	99	Zil	greatly benefited cheese and sugareane. Health is generally good. Weather—Cloudy and murry. O2 of rain at Aurungabad. No change to report
	27	Shahabad,	••	. 19		Nil	about the crops. Public health is fairly good. Weather—Cloudy and hot. Sugarcane is extensively planted, and is doing well.
Dry	28	Darbhunga,	••	19	,,	Nil	Mango in the south is reported a fair crop. General health is good. Weather—Hot. Cloudy, with east wind since 18th instant. State and prospects
PATRA DIVE.	29	Mozafferpor	e, .,	19	90	Nil	of the crops are satisfactory. Moong and dhen have been sown in some places. Lands are being prepared for the bhadol sowings. Weather—Very hot. The prospects of the crops continus good. The cultivators
	80	Sarun.		19		Nil	have commenced ploughing for the next sowings. The general health is good, with the exception of cholera in the Sectamurhee sub-division.
	31	Chumparuu,	10	19	19	Nil	Weather—Hot, close, and cloudy. Chaese, sugarcane, and cotton, are doing well, and the prospects of indigo are generally excellent.
	(01	Champarae,	,,	10	"		Weather—Seasonable. The sowings of the bhadoi crops are progressing. Cheese, indigo, and other crops that are now on the ground are flourishing. General
•	(82	Monghyr,	**	19	••	Nü†	prospects are good. Cholera is on the increase. Weather—Seasonable. The mango crop is had. The ground is being prepared
DITH.	38	Bhagulpore,	31	219	• ••	4-43	for the chaos sowings. Cholers still exists slightly. Weather.—Warm during first half of the week, then variable in the north, and stermy in the sudder station and south. Prospects of the crops are good. Cholers, small-pox, and sickness generally, are decreasing.
Beķģulpore Dive.	34	Purneah,	,	19	,,	מא	Weather.—Cold and damp. East wind prevailing. '32 of rain at Kissengunge and '75 at Arrareah. The state of the crops is satisfactory. Cholcra is disappearing, and the general health of the people is improving.
BIEG	. 35	Maldah.	. • 4	19	••	*26	Weather—Somewhat stormy. The state and prospects of the crops are satisfactory. Cholera rather less. 255 doubles reported during the week. One special native doctor has arrived, and application has been made for a second.
	•	Sonthal Perg	hs. "	20	"	-76	Wouther—Heavy clouds constantly hanging about, with rain in the afternoon. Ploughing is going on everywhere.
Oli	ibba.						
Dryg.	87	Custack,	*	19	"	-39	Whather—More like July or August than May, but favorable for agricultural operations. Early rice is being sown, and the final ploughings for late rice are being made.
ORIGINA Dr	38	Poores,	."	17	"	-30	Weather - Hot, but occasionally cloudy. '16 of rain at Koordah. The harvesting of the dalus rice crop is complete. Cotton is being gathered. Sugarcane is doing well. Ploughing and manuring are going on actively, and sowing of the saring rice crop has commenced in corrain places. The prices of rice
5	39	Balasore,		18		1.84	are almost stationary. Public health is good. Weather—Hat and dry at the beginning of the week; now damp and close. Preparations for the next rice crop continue. Cholera has disappeared from
	СВО	TA NAGPO	KK.		1		the town, and cases reported from the interior are fewer.
~		South-West		r i r			· V
•	40	Agen Liazareebagh		18	777	Nil	Weather-Very variable. Part of the week was intensely hot; now again the weather is very cool. No crops on the ground. Health of the district is
	41	Lohardugga,	19	19	•	Nil	generally good. There has been no rain during the week, but the day of report (19th instant) was like a day in the regular rainy season. Marly rice is above ground in sums places, and is being sown in others. Its prospects are at present very good. Cholora has appeared in the Palamow sub-division, and several ratal
		Fingbhoom, Manbhoom,	10	18 19		·54 2·66	cases have occurred. Nothing to report about. The district is healthy. Weather—Host during the early part of the week: cool and pleasant since rain has fallen. The crops standing on the ground are doing well. Fretty heavy rain fell on the 18th instant. The ryots ought to be pushing on with their highland ries crop, but usual season not having quite come round, they do not seem disposed to bestir themselves.

Telegrams of the 21st May show raintail during the seven days memodistely preceding. †623 inches of rain since reported.

Published for general information.

OALCUITA, STATISTICAL DEPT., The 22nd May 1877. H. J. S. Cotton, Jr. Secy. to the Goot. of Bengal.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

QUANTITIES PER RUPEE BY

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								Wı	EBA	7.			1	Bai	ile:	r.			Ric	2, 2	ROT	\$ 01	RT.		Rrc)B, C	10 3 81	ron.	•	BE	LRUI	oo, B	LLET-
Number.		I>18T	BICTS				Present return.		Next preceding return.	Contracting refure	last year.		Present return.		Next preceding return.	Observation return	flast year.		Present return.		Next preceding return.	Commonding ordura	of last year.		Present return.		Nost preceding refurn	Corresponding return	of last year.	Descrit astum	Treems tormin.	Nort preseding return.	Corresponding return of last year.
	BENG	AL.																-												·			
	Western D		i.																														
	i					×	СЪ	8.	Ch.	'8 .	Ch.	.8.	Сħ.	8.	Ch.	8.	Ch.	'8 .	Ch.	.8.	Ch	8	СÞ	, 8 ,	Ch.	.d.	Ch.	8. (Ch.	8	('b.)	B. Ch.	8. Ch.
1	Burdwan					18	A 8	18	0	18	0	40	0	30	0	20	0	j _18	8	19	4	28	4	,19	4	20		21			-		100
2	Bankoora		•••	•••		16	B 4	! 19	0	23	8	892	0	89	0	97	0	94	0	35	0	I₹	LB 8 to	} :	27 U	27	0	S	8 (}.	.	•••	
8	Beerbhoom			•••		10		21	0	20	0	١.		١.	••	١.	•	18	0	19	8	21	0	22	0	24	0	94 94	υj	, 	.		
4	Miduapore			•••		17	0	17	0	20	O			١.	••	١.	•••	20	0	22	0	23	0	33	0	:28	o !	26	0		.	•••	
5	Hooghly			***		13		14	0	18	0	۱.			••		•••	10	0	10	0{	10 tc		16		17 17	0 i	}=(, o	••	.		
	Howrah			***	•••	16	0	18	0	19	0		•	.	•	.	••	11	0	18		16	4	16	Ü	16	0	<i>)</i>	4	•••	.	***	
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Control Districts.

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	24-Perguni	nahu		•••		18	4		44	10	10	١.	••	١.	•••	.	••	8	0	8	0	8	4	12	12	18	12	11	0	•••		
7	Nuddea	•••	•••	***	•••	13	10	18	5	9 0	0	36	8	85	8	85	8	16	8	14	8	17	4	15	4	16	0	20	0			
8	Japan					24	o	13	5	18	0		••			١.		18	5	13	8	17	0	19	12	20	0	21	8			
9	Moorsheda	bed *	· '		• •	3	8	20	0	34	0	35	0	40	0		i	126	ò	16	0	18	o J	U.S.	· Q	10	.0	23	و	دسبي. ح	سيسا	
10	Dinagepore				 !	17	•	16	4	17		18 :	12	14	8	23	O,	i ,'21	12	20	8	20	0	10	0	28	0	94	0	i		į .
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16	Darjeeling	· 		•••		8	O	8	0	8	U		0	i. ! 8	0	8	0	6	8	6	8	5	0	13	O	18	U	:9	0			
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Rastern Pistricts.

17	Darca	··· ···		. M 19 4	12 4 (20	U-145 U	40 4	45 8	:17 8	17 10	16 19	a 18	20 18	- A	I	ı	1
18	Furreedpore			21 0 :	33 12 25	o 36 's	35 U	40 0	8 0	8 0	9 0	19 0	81 0	21 0	"		
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3 0	Mymensingl	1 .,,	***	P 13 0	13 0 20	0			22 0	23 0	18 0	26 8	96 8	21 0			
i				!		!	١.	ļ	j								

- A in the interior the prices range as follow: Wheat 14 to 16 seers, barley 35 to 36 seers, best rice 16 to 21-13 seers, common rice 17-15 seers, and gram 20 to 23-5 seers.

 B In the interior the prices range as follow: Wheat 16-8 to 20 seers, barley 23 to 50 seers, best rice 21 to 24 seers, common rice 25 to make 30 to 35 seers, and gram 16 to 23-8 seers.

 C In the interior the prices range as follow: Wheat 18 to 25 seers, best rice 16 to 25 seers, common rice 21-8 to 27 seers, and gram 25 seers.

- In the interior the prices range as follow:—Wheat 18 to 25 seers, barley 20 to 21-8 seers, best rice 10 seers, common rice 21-8 to 27 seers, and gram 24 to 25 seers, and gram 14 to 19 seers, and gram 14 to 19 seers.

 K In the interior the prices range as follow:—Wheat 11-6 to 13-4 seers, barley 22-12 to 25 seers, best rice 7-4 to 9 seers, common rice 12-18 to 20 seers, and gram 16 to 18-18 seers.

 In the interior the prices range as follow:—Wheat 11-6 to 16 seers, bast rice 14 to 18 seers, cotamon rice 18 to 28 seers, and gram 18-4 to 28 seers.

 Unthe interior the prices range as follow:—Wheat 17 to 21 seers, barley 40 seers, best rice 15 to 21-8 seers, cotamon rice 18 to 29 seers, and gram 30 to 36 seers.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 17th March 1877, on 1.279? miles open.

		COACELIN	d Tra	7910.	MERCHAND	es and Hineral Trappic.		TRAI	w Marke 1	BVS.
	No. of passes. gers.	Con	sobing	receipts.	Weight carried.	Beceipts.	Total Trappic Receipts.	Conch- ing.	Merchan- dise.	Total.
		Pa.	A. P.	2 2 4	Mds. S.	Rs. A. P. & s. d.	Es. A. P.	***********	i	
Total traffic for the week Or ner mile of	142,573	2,01,961	6 7	18,512 4 8	14,13,886 10	5,77,961 0 9 53,979 16 11	7,79,908 7 4	44,565}	102,8512	147,4174
railway		157	18 11	14 9 4	*******	461 9 9 _ 41 7 11	649 6 R	40001		
10 weeks of	1,479,906}	24,33,323	15 5	128, 064 13 11	1, 38,£3, 506 2 0	33,90,966 9 3 404,166 6 11	78,24,22) 8 8	400,865 <u>[</u>	906,5301	1,480,035
Total for 11 weeks	1,061,8784	26,88,278	6 0	941,500 15 S	1,42,57,393 0	50,68,856 10 0 547,145 8 10	96,04,13 <u>3</u> 0 0	586,261 [1,101,191	1,636,4821
Comparison.										
Total for corre-		ì								
week of pre- vious year Per mile of	152,6314	1,85,888	15 G	17,039 16 6	9,74,918 20	4,04,411 4 U 57,071 0 S	8,90,800 4 3	44,043	66,819	65M, 0 01
reilway, cor- responding week of pre-	,	146	4 1	13 6 4		816 0 1 26 19 4	461 4 3			
Total to curre- a p o n d i u g	101 104	.40	• 1	10 4	•	au v 1 25 19 4	40L 0 3	*****	*****	*****
date of pre- vious year	1,429,743	24,72,R25	0 8	230,675 12 7	1,12,20,241 10	45,97,341 7 8 421,423 19 4	70,70,186 8 4	521,544	H11.726	1,233,930

EAST INDIAN RAILWAY—JUBBULPORK LINE.

Approximate Return of Truffic for week ended 17th March 1877, on 2233 miles open.

Total traffic for the week Or per mile of railway For previous 10 weeks of	8,96 8)	20,590 92	0 (1,987 K	5 D	2,52,983 30	Ra. A. P. 61,777 14 0 276 1 8	5,661 19 (35 6 :	82,30% 1R	0 4,6 51	16,146‡	20,797 }
half-year Total for 11	78,520 27,5124	2,95,4 9 8			27,087		25,76,962 0 25,29,875 80	5,77,765 4 0 6,30,541 2 0		8,78,961 7 9,55,680 4	54,961	140,720	
weeks		01101000		+		TO TO	24,25,010 60	O'MIT 3 0	00/054 12 1	, v,ae,eau 9	50,012	105,867	234,879
Comparison.				}							1		
Total for corre- a p o n d i n g week of pro- vious year For mile of railway, cor- re s po nding	8,045	14,435	19 (,	1,259	LP O	1,00 ,58 0 0	94,19 1 1 d	1. 211 2 0	3N,986 14 a	4,784	6 ,30%	10,032
view year Total to corre-	*****	06	4 11	i	ĕ	1 7	*****	107 12 10	9 17 8	174 1 0			•••••
sponding date of pre- vious year	72,006	2,36,011	R 6		91,69 5 1	6 8	11,15,351 30	255,365	27,215 16 4	4,89,945 0 0	54,833	63,064	110,397

CALCUTTA AND SOUTH-EASTERN TATE RAILWAY.

Approximate Return of Traffic for week ended 17 March 1877, on 28 miles open.

	1 '	Coaching Trayfic.	O L TOWARD	ier and Mineral Trappic.	Total
	Number of passengers.	Coaching receipts.	rogr carried.	Receipts.	receipts.
		Rs. A. P. & c.		Ra. A. P. & a. d.	€
otal traffic for the week	9,185	1,205 0 0 130 10	0 /977 0	719 0 0 71 18 0	201 R
or per mile of railway	887	50 0 0 5 0	Lieuten.	25 8 0 2 11 0	7 11
or previous 10 weeks of half-year	100,035	15,005 0 0 1,800 10		5,745 0 0 874 10 0	2,07 5 0
Total for 11 weeks	115,777	16,400 g 0 1,640 0	ior Secy. t	6,464 0 0 646 8 0	2,28G K
. Comparison.			_		,
otal for corresponding week of provious year or mile of railway, corresponding	10,974	1,446 11 6 144 17	6 47 0	MMS 14 5 M6 7 D	211 5
week of previous year	360	51 11 10 5 8	6 / 7	27 11 4 2 7 5	7 10
ptel to corresponding date of previous year	119,886	18,008 7 8 1,616 16	1 1 018 80	6,5k3 10 6 639 7 3	2,140 4

MORTALITY FROM THE STORM-WAVE AND CHOLERA IN THE OHITTAGONG DIVISION.

FINANCIAL DEPARTMENT—INDUSTRY & SCIENCE.

Calcutta, the 27th March 1877.

READ-

A memorandum, No. 662G., dated 13th March 1877, from the Commissioner of the Chittagong Division, submitting reports from the District Superintendent of Police in Chittagong and the Magistrate of Noakholly, regarding the mortality in those districts from the storm-wave on the 31st October 1876, and subsequently from cholers.

The total mortality in the district of Chittagong is now estimated, after careful police enquiries, to have been 2,857 from the storm-wave, and 44 from the effects of the cyclone in those villages to which the storm-wave did not penetrate. As many as 7,399 persons are estimated to have died from cholera between the date of the cyclone and the 31st December 1876. But it is known that the epidemic of cholera continued without abatement for a considerable period after this latter date, and the Lieutenant-Governor is still awaiting the submission of a final report on the subject, which has been called for from the Commissioners of both Chittagong and Dacca.

- 2. In the district of Chittagong there was not a succession of storm-waves such as occurred in Noakholly and Backergunge, but in the villages along the coast, and especially towards the north of the district, there was very great destruction of property and considerable loss of life. On the sea-coast, near the town of Chittagong itself, heaps of straw and thatch were found on the branches of trees 18 feet from the ground, and this would appear to have been the height of the storm-wave all along the coast north of the Kurnafoolee. The destruction of property at the port was great; every vessel in the river, except one, was stranded; houses were blown down in great numbers, and half the rice crop of the district was lost.
- 3. In the district of Noakholly the deaths caused by the cyclone and inundation on 31st October 1876 are numbered at 43,544. The deaths from cholera from that date to 31st January 1877 are reported as 30,263. Everywhere, except on the islands of Hattea and Sundeep, the deaths from cholera appear to exceed those from drowning. On these islands the deaths from drowning are stated at 34,708, and from cholera at 7,133.
- 4. Terrible as these figures are, they represent an estimate of mortality far less than was at first apprehended. The total number of deaths from drowning in the districts of the Chittagong division and in Backergunge is now stated to be about 100,000, whereas at first it was feared that the deaths amounted to double this number. No accurate census has been attempted. It was represented, and no doubt truly, by the district officers that the people would feel a census at the present time, and so soon after such a terrible calamity had fallen on them, to be a hardship, and it is the case also that Government is not now in a position to obtain a fair census. The people have, many of them, temporarily left their homes; others are wandering about buying cattle to supply their losses, and the outbreak of epidemic disease had placed the local subordinate establishment in a state of disorganisation. Any attempt at a regular census has therefore been postponed. But the recent estimates have been made as carefully as circumstances would permit, and the Lieutenant-Governor cannot doubt that they furnish results which approximately indicate the extent of the calamity. The deaths from cholera, notwithstanding the unceasing exertions of the Mcdical Department, are appalling in numbers; but it is satisfactory to know that this disease, in an epidemic form at least, disappeared before the close of the cold weather.

By order of the Lieutenant-Governor of Bengal.

H. J. S. COTTON,

Junior Secy. to the Govt. of Bengal.

GILOHRIST SCHOLARSHIPS.

No. 2—69, dated Fort William, the 22nd March 1877. Endorsed by the Government of India, Home Department.

Copy forwarded to the Government of Bengal, with reference to Home Department Resolution No. 93, dated the 11th February 1868, and with a request that the papers may be published in the local Gazette.

No. 1, dated India Office, London, the 18th January 1877. From—Her Majesty's Secretary of State for India,

To-His Excellency the Right Hon'ble the Governor-General of India in Council.

I FORWARD herewith, for the information of your Excellency in Council, copy of a correspondence* between this office and the Trustees of the Gilchrist Educational Trust, from which you will observe that the Trustees are prepared in future to assign a sum of not less than .250 for the return passage of each

successful scholar whose passage shall not have been otherwise provided for.

2. Your Lordship in Council is aware from the 5th paragraph of the despatch of the 16th of January, No. 3 of 1868, in the Educational Department, that my predecessor, Sir Stafford Northcote, on the recommendation of Sir John Lawrence's Government, consented to grant the sum of £100 for the return passage of each of those gentlemen who might forfeit his scholarship. 1 am of opinion that it would not be right to give a larger sum for return passage to an unsuccessful scholar than is given by the Trustees to a successful scholar. I therefore desire that you will announce that the sum to be given in future for return passage to a gentleman who has forfeited his scholarship will be only £50.

Dated India Office, London, the 19th August 1876.
From Sir Louis Mallet. c.s., Her Majesty's Under-Secy. of State for India.
To-The Secretary to the Gilchrist Trust, London.

I AM directed by the Secretary of State for India in Council to invite the attention of the Trustees of the Cilchrist Scholarship to the following facts.

2. The Secretary of State in Council decided in 1868 to grant the sum of £100 for passage to each scholar proceeding to this country. He also, on the suggestion of the Government of India, determined to allow the same sum for return passage to those gentlemen who forfeited their scholarships.

3. Very recently an application has been received from Mr. Prasanna Kumar Roy for a grant of £100 to defray the expense of his return passage to India. In consideration of the remarkable merit of this gentleman, the Secretary of State has as a special case acceded

to this application.

4. It appears to the Marquis of Salisbury, first, that there is something faulty in the present arrangement, as it seems objectionable that a concession should be made to an unsuccessful scholar, which is not as a rule made to a successful scholar; and secondly, that the passages of all scholars to England, and the return passages of unsuccessful scholars, being paid from the Indian revenues, it would not be just to make any further charge in connection with the scholarships on these revenues.

5. I am therefore instructed to invite the attention of the Trustees to these facts, and to ask whether it would not be proper that successful scholars should receive their return passages to India from the funds of the Trust; or, if that be not practicable, whether a deduction should not annually be made from the emoluments of all the scholarships, sufficient to defray the expense of the return passages of all the scholars, whether successful or unsuccessful.

Dated London, the 5th December 1876.
From-W. B. Carpenter, Esq., Secretary to the Gilchrist Trust,
To-Her Majesty's Under-Secretary of State for India.

I have the honor to forward to you three packets of papers for the examination to be held for the Gilchrist Scholarships in the second week of January, and have to request that you will cause them to be transmitted by the next post to the three presidential capitals to which they are respectively addressed.

Having duly brought your letter of the 19th August under the consideration of the Gilchrist Trustees, I am directed by them to inform you that they will be prepared to assign a sum not exceeding £50 for the return passage of each successful scholar whose passage shall not have otherwise been provided for.

No. 856.

Cory forwarded to the Director of Public Instruction for information.

The order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Acting Asst. Secy. to the Good. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 24th March 1877.

N	io.	District. s retr		ite oi		Itainfall at Sudder Station in inches.	
E)	[GA]					,	
ſ	1	Western I Bardwan,	Mar.		7 7	Nil '016 at Hond- Bood.	The rubbee crops are being harvested. Cholers is prevalent in Culus and elsewhere.
l	2	Bankoora,	90	24	go .	Nil .	Weather—Dry and hot. No change to report. The prospects of the crops continue favorable.
	8	Beerbhoom,	**	24	.,	Nil	Weather—Bright and dry. The state and prospects of the crops continue good.
	4	Midnapore,	.,	24	**	Nil	Slight rain has fallen in the interior of the district, but none at head-quarters during the week. There was a violent hall-storm at Ghattal and Daspore on the 16th instant, which has done much mischief to the mange blossoms. State and prospects of the crops are good.
	5	Hooghly,	"	24	,	Nil	Weather—Very warm. The rice lands are still being ploughed. Sugarcane is being planted. The harvesting of wheat and barley still continues. There is a good deal of cholora in the district.
l		Howrah,	••	24	,.	•01	State and prospects of the crops are very fair.
		Central .	Distri	icls.			
	6	24-Porgunuab	s,Mar.	. 26,1	77	-02	Weather—Warm and seasonable. No crops on the ground. Public health is generally good. Five cholera cases reported from Diamond Harbour.
	7	Nudden,	"	21	***	Nil	Weather—Generally close and hot. Slight and partial rain fell on the night of the 16th instant. The small quantity of the cold-weather crops now remain- ing on the ground is promising. Indigo and sugarcane are fair.
	8	Jessore,	••	24	**	-03	Weather—Hot, clear, dry, and windy. The cold-weather crops are gathered in. The prospects of other crops are good.
١.	9	Moorsbedabad	i, "	24	•	Nii	Weather—Hot and close. The rubber crops are being harvested with good out- turn. The general prospects are favorable. Health is generally good.
ſ	10	Dinagepore,	•	23	••	-19	Weather—Seasonable. State and prospects of wheat and pulses now on the ground are good. The land is being prepared for the autumn rice.
	11	Rajshahye,	••	24	•	Nil	Weather—Warm and occasionally cloudy. The harvesting of the cold-weather crops, and the sewings of rice and sessamum, are going on. The seedlings of the spring rice are healthy and vigorous. Lands are being prepared for the sewings of jute.
	12	Rungpore,		23	,	-80 -14 st Gaibun- da75 at Bagdo-	i
į						gra.	ea
1	18	Bogra,	•	24	**	Nil	Wenther—Fine and sultry, The rubber crops are cut or are being cnt. Jute is sown in many places. 1 erything is doing well.
DAMPHARIA AND UNITED	14	Pubna,	Mar.	21	. 77	-07	Weather—Fine and seasonable. The state and prospects of the crops are generally good. The sowing of asses dans will shortly be commenced. Some cholera cases have been reported both from Declai and Serajgunge.
	15	Darjoeling,	,,	23	,,	·54	Weather—Cold. There was high wind during the week. Wheat and barley are now being gathered, and good outturn is expected. Bhools (Indian corn) and potatoes are being to be a constant.
	16	Inlpigoree,	"	24	,	NII	There was strong west wind thring the week. The nights are still very cool. No change in the condition of the crops Tobacco is being cut, and is likely to yield a good output the whole.
ţ	•	Cooch Behar,	,	22	,,	·41 10·37 at Din- hatta.	Weather—Getting in the record. There was one beavy shower with thunder on the night of the record than. The Deputy Commissioner says that he does not understand the record that Dinhatta in one day, and that enquiry is being made to be the return is accurate. The rain has been good for the early that, but has a little damaged the tobacco crop. The general prospects are read. Public health is satisfactory.

Telegram of the 26th March shows rainfall during the seven days immediately preceding.
 Manort of the 26th March shows rainfall during the seven days immediately preceding.

No.		District, au retu		e of		Ruinfall at Sudder Station in inches	Character of the weather, state and prospects of the crops, and					
EN	 [(}A[)			•								
		Bastern I	Distri	cts.								
_	17	Daces.	Mar	. 26	77	1:14	Weather—Very cool and cloudy. State of the crops is very favorable.					
	18	Fureedpore,	by	24	•,	-24 38 nt Mndari- pore.	Weather—Occusionally cloudy The heat is rapidly increasing. The prespect of the crops are satisfactory. Health is good.					
DACCA DITY.	19	Backergunge,	**	22	••	.03	Weather—Fine. The prospects of the crops are good. Cholers and fever a reported, but not in a bad form, from thansa Backergunge, Mondigung Gournadi, Boramuddin, and Matharia. The health of the rest of the district good. The eattle are reported healthy everywhere.					
	20	Mymensingh,	71	23		.02	Weather-Cloudy and unsettled. State and prospects of the crops are favorab					
	21	Tipperah,		23	,,	-61	Weather—Stormy during the latter part of the week. A good deal of ra fell on the 21st instant. The spring rice is the only crop of importance no on the ground, and it is getting on well.					
	23	Chittagong,	**	22	.,	Nil	Weather—Seasonably warm, with south-west monsoons. The cold-weath crops are thriving. Tobacco is being cut. Pasis some is progressing some parts, while the seed is being sown in others. Cholers is reduced to very few cases. Small-pox reported from the Sudder Station.					
Ситтаволе DIVE.	23	Nonkholly,	92	22	"	Nil	Weather—Mornings foggy and cool. Midday temperature has been higher the that of the provious week. High winds since the evening of the 21st instar l'ulses, chillies, &c., are progressing fairly. Ploughing for the early rice going on actively everywhere. Cholera has abated considerably throughout t district, except in the low parts of the Begungunge station, Dalal Bazar, a Bannaec.					
	24	Chittagong Hi Tracts,	ill "	20	,.	Nil	Weather—Hot at noon; pleasant mornings. The hill people are still cutti their jooms. The tobacco plants are thriving well. Cholors is prevalent.					
l	-	Hill Tipperah,	31	21	99	-75	Weather—Generally cloudy, with occasional rain and storm. The prospects the crops are satisfactory except those of poppy, which is said to have be damaged by the rains.					
K)	UAR,	•										
{	25	Patna,	Mar.	26•	*77	Nil	Weather—Partly clear and partly cloudy. The harvesting of the rubbee creis in fair progress with good outturn. Sporadic cases of cholera and surpox are reported throughout the district.					
	26	Gya,	>>	24	19	Nil ·10 at Nowada.	Weather—Fair, and not over hot considering the time of year. The maximing of the thermometer in the shade was 954°. The reaping of the stables crops continues, and the prospects are favorable. Small-pox is report from Rajauli, in Nowada; otherwise the public health is good.					
	27	 Shababad, 	••	24	"	Nil	Weather—Cletting hot. The rubber crops are somewhat damaged by the receining especially wheat in the low lands by mildew. Peas, season, wheat a barley, are being harvested					
}	28	Durbhunga,		24	39	Nil	Weather—The mornings and evenings are coul and the days are not. State a prospects of the crops are quite satisfactory.					
	29	Mozusterpore,	· ••	24	,,	Nil	Weather—Sensonable but getting hotter duity. The harvesting of the rabe crops going on, and the outturn is expected to be good. Health of the distring on					
	80	Sarun,	**	24	**	Nil :	Wenth 2Daily getting warmer, the wind blowing from the west. The rath crop are being harvested, and the outturn is expected to be good. The ind sow is going on. Opium is still being gathered, and the weighner will cortly commence. General health is good.					
1	31	Chumparun,	91	24	,,	ı Nil	Wesko &Clear. Getting warm in the middle of the day. Mornings a ev Olool. The harvesting of the rubben crops continues. The prosper continues.					
	32	Monghyr,	"	21	**	Nil. 24 at Begu Se- ru. 4 at Jamui.	. °667 \					
	83	Bhagalpere,	,,	264	,,	Nij	folog Osfs puable. The westerly winds setting in. The rubber harves 191101 9101 outturn. General health is very good.					
•	. 34	Purnesh,	**	24	**	Nil '11 at Kisson- gunge '15 at Arra- reah.	1180 B reswounder The crops are an Roser.					

and the second of the second of

No.		District, a	und da urn.	ite of		Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and					
BE	HAI	.—(Continued.))									
RE DIVE.	36	Maldab,	Mar.	21	'7 7	Nil	Weather—Generally fair. It has become almost hot since the last three days of the week, the highest heat being 92° on the 22nd instant. The wind was variable, but it blew generally from the north-west in the morning. Rain is threatening. The cross are as good as before. Cholora is increasing principally to the north-west, and 31 deaths reported.					
BEAGULPORE DIVE.	36	Southal Perg	he. "	25	99	Nil '39 nt Godda. 1'29 nt Desghur	Weather—Getting warmer. The month has been very free from the blustering dusty wind that comes before the hot wind of April. The rabbee harvest is good. Ploughing is going on. Cholera reported near the town of Deaghur.					
OR	188/	۱.										
ORISEA DIVE.	37	Cuttack,	Mar.	24	'7 7	-05	i Weather—Hot and dry. No change to report since last week. Most of the rubbee crops are gathered with good outturn.					
	38	Pooree,	**	22	,	Few drops.	Weather—Fair. Dalss paddy has begun to ripen. Ploughing is still going on. The expertation of rice still continues, and the prices of feed-grains are almost stationary. Miscellaneous crops are growing well. Cholera is very violent both in town and country.					
١,	39	Balasore,	-	28	.,	-24	Weather—Hot and dry, with occasional storms. The ground is under preparation for next season's crops. Sporadic cholera is frequent and fatal.					
СНС	ATC	NAGPORK.										
		South-We		nulic	•							
	40	Hazarcebagh,	Mar.	23	'77	Nil	Weather—Seasonable, but becoming very warm. The prospects of the crops are very fair indeed. The injury from the rain and wet last week was less than anticipated. General health is good.					
	41	l.ohardugga,	•	24	••	Nil	WeatherSeasonable. The hail-storm mentioned in the last week's return appears to have been very local, there being no reports of damage from the remainder of the district. Health is good.					
	42	Singbhoom,	•	23	••	-07	Weather—Seasonable. No crops to report. Mount and mange will not be as plentiful as was first thought. The district is reported healthy.					
	43	Manbhoom,	•	24	••	Nil	Weather—"casonable. Nothing particular to report about the crops. Ploughing here and there is being undertaken. As is usual at this season, reports of cholera and diseases of choleraic type are being received from several parts of the district.					

Published for general information.

CALCUTTA, STATISTICAL DEPT., The 27th March 1877. H. J. S. Cotton,

Jr. Secy. to the Goet, of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	Dist	RIOTS		Stations.		Rain from 6th to 10th Mar. 1877. Rain from 11th to 17th Mar. 1877.		JAZ	PROM 1ST IVARY 877.	Kemarko.
Divi			_			Rain f	Rain fi 17th	Inches.	Up to date.	_
BK)	NGAL.				<u>:</u>		•			
	Western	Dist	ricts.			Inches.	Inches.		1877.	
ſ	Burdwan			Burdwan Cutwa Guina Bood-Bood Ranceguura Jehanahad	::: ::: :::	0-07 0-02 Nil ditto ditto ditto	0°28 0°30 Nil 0°16 0°26	2·54 2·66 3·47 2·23 3·31 4·79	17th Mar. ditto ditto ditto ditto ditto	
١	Bankoora			Rankoora		ditto	1.08	5.81	ditto	
ıi	Beerbhoom	•••	{	Roorer Hetampore Roypore		ditto ditto 0°03	0°10 0 40 0°08	5:07 6:30 8:63	ditto ditto ditto	
BURDWAY.			ſ	Midnapore		Nil	0-20	6.25	ditto	
ž	Midnapore	•••	{	Tumlook Ghattal (1)y. Colir.'s Offi	ice	ditto 0°02 Nil	0°35 1°70 1°13	5·48 5 80 5·79	ditto ditto ditto	
	Honghly		{	Contai Exc. Engr.'s Of Hooghly	ffice	ditto (-'UD ()'US	0.88 0.5 0.73	5 112 3-87 5-18	ditto ditto ditto	
Į	Howrah		{	Howrah Maheshrekha		0-01 . Nil	0-80	6·06 5·77	ditto ditto	•
	CENTRAL	i)1 et i	LICTS.							
	24-Pergunn	ahs		Ranger Island Calcutta Alipere { Dispensary Jail Itnescerbat Harmont Dramond Harbour Harripore Satkhira Ilarracipore		0 03 0 03 0 05 0 20 0 23 Nil 0 11 0 21 0 15	0.80 (r72 0.60 (r61 1.10 (r12 0.40 0.44 N.1 0.74	7.00 6.93 6.48 6.36 4.61 6.40 6.40 4.30 4.30	ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto	•
rampager.	Nuddes.			Dunt-Jum Kichneghur Kodong Kongong Meherpore Choondanga Koushtes Ramaglat Jessoro		Nil 0-01 Nil 0-80 1-06 0-04 Nil 0-26	0°70 0°1° 0°08 0°75 1°04 0°27 Nil 0°89	4·64 8·79 8·67 2·79 6·12 8·10 3·17 5·93	ditto ditto ditto ditto ditto ditto ditto	
	Jessore		{	Nurrail Khoolna Jhenida Hugirhat Magoorah		0 30 0 0 8 0 80 Nil 1 07	0°63 0°77 0°42 Nil 0°83	3·25 4·89 3·94 4·80 4·46	ditto ditto ditto ditto ditto	
	Moorshedab	ad	}	Rerhamporea Hemperchaut Lallbagh Jungypore Asimgange Lallgolla Kandee		Nil ditto (r0.3 Nil ditto ditto	0.30 0.25 0.29 0.12 Nil 0.22 0.41	4-84 4-55 5-84 4-82 8-00 5-18	ditto ditto ditto ditto ditto ditto ditto	
ſ	Dinagepore		{	Dinagepore Raigunge Maidah	ry	ditto	0°15	1.43 3.00	ditto	
	Maidah	***	}	Chanchal Hauleah	7	ditto	Not rre.	2.44 2.21 4.60	10th Mar. ditto 17th Mar.	
AAJURARIS.	Rajahahye Bungpore		{	Nuttore Rungpore Llowanigunge Kurigram Hagdogra	810	With to the to t	0-13 1-00 0-14 1-04 0-75	4·13 2·81 2·13 2·04 2·21	ditto ditto ditto ditto ditto	
١	Водта		{	Bogra Sherpore rauchbibi		'd·tto ditto	0:16 0:10 Nil	2-27 8-37 1-36	ditto dirto ditto	
Į	i'ubna		{	gereigunge 191		ispje	1:05 0:50	6-24 3 61	ditto ditto	
۱.	Darjeeling			Darjeeling TelegraTE	8 4 6°		Not rrc. UNU	2 75 4:37	10th Mar. 17th Mar.	
COCK BEKAR.	! Julpigoree		{) 87	Ni) (r20 0 86	0 53 0 46 2 26 Not rec.	1.73 3.06 4.21 2.35	ditto ditto ditto 10th Mar.	
5	Conch Belia	r Trib	utary	Cooch Behar	-	Nil	1.44	8-12	17th Mar.	

DIVISIONAL !!	Die	Distraces.			Ntations.			RAIT FROM 189 JANUARY 1877.		Remarks.
5	<u> </u>				Rain from to 10th 1877.	Rain fron to 17th 1877.	Inches.	Up to date		
1	Bengal.—(_			Inches.	Inches.		1877.	
				. (Tel	legraph Office	0-18	Not rec.	2.67	10th March	
1	Dacca	•••		Daces { lic	epital	0.86	0.36	3.80	3-80 17th March	
				Moonsheegung Manickgunge		1.83	9:4A 0:01	3.67 3.67	ditto ditto	
أد	Furreedpor	re	{	Furreedpore Goalundo Madaripore	•••	2.09 2.09 2.09	0·17 0·03 0·45	5.05 4.81 5.59	ditto ditto ditto	
DACGA.			ĺ	Burrieal		3.30	0.03	6.37	ditto	
	Backergun	ge	{	Perozepore Patocakhally Bhola		Nil ditto Uri8	Nil ditto U'10	4750 618 1108	ditto ditto ditto	Daniel Malanie voma
			•		•••					From 4th February 1877.
Į	Mymensin	gh	}	Mymensinh Jamalporo Atia	•••	0.70 Nil 0.05	0.02 0.46 0.97	3·27 3·00 3·78	ditto ditto ditto	
		'	,	Kishoregunge		0.45	075	3.47 ditto	ditto	
ſ	Chittegong	Chittagong			relegraph Office fail	0 50 0 85 0 60	Nil ditto ditto	4:90 4:96 2:48	ditto ditto ditto	
ان	Noakholly {		Noakholly Fenny		0·12	0.02	4·58 3·91	ditto ditto		
CHITTAGONG.	Tipperah	•••	§	Comillah		2:45	Nil	5-42	ditto	
E	Chittagong	Hin 7	•	Brahmunbarial Rungamatos H		0.80	2:66	8·11 6·43	ditto	
l	Hill Tipper	ah	•	Hill Tipperah		0.47	2 00	6.66	ditto	
BRI	IAR.		ſ	Patna	***	Nil	0.30	2-90	ditto	
ſ	Patna		{	Behar Barb		ditto ditto	0·18 0·43	3·63 3·17	ditto ditto	
i			l	Dinapore }	Jail Cantonment.	ditto ditto	Not rec.	2·68 2 38	ditto 10th March	
	G			Gya Newadah	•••	ditto ditto	0·10	3·36 3·26	17th March ditto	Not rec. 18th to 24th Feb.
- 11	Gya	***		Arungabad Jehanabad		ditto ditto	0.10	0 70 3-9 0	ditto	Not rec. 12th Jan. and 4th to 10th Feb.
- [!			(Arrah		ditto Not rec.	0-34 Not rec.	5.44	ditto 24th Feb.	
اړ	Shahabad		{	Bas-eram Buxar Bhubocah		Not rec. Nil ditto	0.49 0.40	3·69 5·20 4·69	24th Feb. 17th March ditto	Not rec. 18th to 24th February.
PATSA.							Not rec.			W
	Mozufferpor	٠	{	Mosufferpore Hajeepore Sectamurhee		Not rec. ditto ditto	ditto	2 07 2 82 3 31	ditto	Not rec. 18th to 24th February. Ditto ditto. Ditto ditto.
	Durkkene		S	Durbhunga		Nil	0:03	3:37	17th March	MIDEG
	Durbhunga	•••	{	Mudhoobuunce Tajpore		ditto ditto	N,	5.89 5.83	ditto ' ditto i	
	Sarun	***	{	Chupra Sewan		ditto dit to	Not A T.	3·67 4·97	10th March ditto	
U	Chumparun		{	Motibaree Negowie		ditto ditto	Nil Not real	4.24 4.08	17th March 10th March	
ا۔	-		S	Bettish Monghyr	•••	ditto ditto	Not res of	9-91	ditto . ditto	Not rec. 25th February to 3rd March.
	Monghyr		- {	Hego:serai Jamoses		ditto ditto	var hig	2·31 4·59	ditto ditto	
			٢	-Bhagulpore Boopool		ditto ditto		9·75 2·3s	17th March ditto	
LPORE	Bhagulpore		{	Muddehpoora Syaka		ditro ditto	O deri	2.91 3.83	ditto ditto	
BELGULTORE.			(Soutures Purnesh		ditto ditto		A. 10	ditto	
ā	Purneals		{	Kimengunge Arraruh		ditto ditto		beav	ditto ditto	
			٢	Nya Doomka	•••	ditto	1	hethr m, 145	ditto	
l	Southal Per	-quan	ا } مد	Rajuebal	***	ditto	Nil	090	ditto	•
		-		Deoghur Godda		ditto ditto	2 OF	0-03 2-83	ditto ditto	·
				·	***		1	- 40	uni0	a

paid off, and at the close of the year 1875-76 the estate had, after meeting a heavy and unforeseen expenditure, a balance of Rs. 18,78,579 invested in securities. The rainfall during the latter part of the year was scanty and scarcity was apprehended, and it was found necessary to organise relief works over a great part of the area of the estate. These relief operations extended from February to September 1876, and involved a total expenditure of Rs. 52,736 on account of charitable relief, and Rs. 83,701 on account of relief works. Large realizations were also foregone. Out of a total current demand of rent amounting to Rs. 21,20,499, only Rs. 6,26,459 were recovered, and of the arrear demand of Rs. 22,30,976, only Rs. 10,12,386 were recovered; Rs. 4,06,012 of arrear rent were remitted. Thus the administration of this estate during the year was marked with extreme leniency to the tenantry. A large sum, amounting to more than twelve and a half lakhs of rupees, was expended by the engineer of the estate upon public works.

The report of Major Money, the manager of the estate, sufficiently shows the impoverished condition of the people, and evidences the obligation that the Court of Wards lay under as a just and liberal landlord to assist the tenantry and relieve them from liabilities which had been incurred over a series of years, and which on account of their own poverty and the recurrence of bad seasons and indifferent harvests they were unable to discharge without assistance. It is undeniable also that in previous years the people had been rack-rented, and that the demands of rent from them had been greater than they could possibly pay. A special officer has recently been appointed in the Durbhunga estate, on the ground that a resettlement of holdings and a revision of rents would be necessary in those parts of the estate which had suffered from scarcity. But no record of rights is to be drawn up, nor is any general settlement of the estate to be taken in hand, and the Licutenant-Governor has directed that the survey and settlement which had been proposed shall not be attempted in the case of this estate, which will so soon pass out of the management of the Court. The Maharajah has already attained the age at which he would, under the law in force at the commencement of his minority, have been entitled to assume the management of his own property. That he is still a minor under the charge of the Court is due to the operation of the Indian Majority Act of 1875, and the estate will finally be released in September 1879. The Lieutenant-Governor is glad to read the very favourable account that is given in the Board's report of the behaviour and progress of the Maharajah of Durbhunga and of his younger brother. From all he heard when lately visiting Durbhunga, the Lieutenant-Governor is satisfied that they deserve all that has been said of them, and Mr. Eden was especially pleased to find the Maharajah working well and intelligently in the management of a portion of his estate under the direction of Major Money.

- 10. Most of the other Behar estates, especially those in the Sarun district, are remarkable for their heavy liabilities. An exception is the estate of Avadh Behari Sarun Misr, which has Rs. 1,10,500 invested in Government securities. The estates under the Court of Wards in the Bhagulpore Division are also mostly in debt. The difficulty of restoring solvency to a small estate, in which the expenses of management necessarily bear a high proportion to the income of the estate and the material resources are few, is of course greater than it is in the case of large estates, where the proportion of expenditure is small and the opportunities for increase of revenue numerous.
- 11. In Orissa the only large Wards' Estate is that of the Rajah of Kunnika. This has been in the hands of the Court since 1864, and is still much involved. The financial position is, however, improving, and debts to the amount of nearly 1 lakh of rupees have been paid during the year.
- 12. Much progress has also been made in the large Chota Nagpore estate in paying off debts, which have been reduced during the year from 2½ lakhs to Rs. 1,68,505. The Dhalbhoom estate in Singbhoom and the Deogar estate in Lohardugga are solvent, and have considerable sums invested in securities. Both these estates have been long under the management of the Court of Wards, and their present satisfactory condition is due to the care bestowed on their management by the revenue authorities.

DIVISIONS	Districts.	HTATIONS.	Rain from 4th to 10th March 1877. Rain from 11th to 17th March 1877.		BAIN PROM 100 JANUARY 1877.		Remares.
DIA	}	•	Rain to 10 1877	Rain from to 17th 1677.	Inches.	Up to date.	
10	ENGAL.—(Continued.)						
D			Inches.	Inches.		1877.	
	EASTERN DISTRICTS.						
ſ		Dacca Telegraph Office	0-18 0-35	Not rec. U-26	2·67 3·80	10th March 17th March	
	Daces {	Moonsheegungs Manickgungs	1.83 0.38	9-48 0-01	10-9 2 3-64	ditto ditto	
	Furreedpore	Furreedpore Gealundo	2 -9 0 2-05	0·17 0·03	5·05 4·81	ditto ditto	
DACCA.	1	Madaripore Burrisal	9 20 9-20	0.45	5 59 0-37	ditto ditto	
	Backergunge {	Perozepore Patooakhally Bhola	Nil ditto Uü8	Nil ditto U'10	4 ሎሀ 0·18 1·ሀ8	ditto ditto ditto	From 4th February 1877.
		Mymensinh	0.70	0-02	3-27	ditto	•
l	Mymensingh	Jamalpore Atia Kishoregunge	Nil 0'05 0'42	0.40 0.97 0.75	3·00 3·78 3·47	ditto ditto ditto	
r	Chittagong }	Chittagong { Telegraph Office Jail	0.50 0.85	Nil ditto	4:90 4:96	dit to ditto	
	Noakholly }	Cox's Bazar Noakholly Fenny	0.60 0.13 0.28	0.02 9.02	2·48 4·68 3·91	ditto ditto ditto	
DRITTAGONG.	Tipperah \$	Comillah	2.45	Nil	5:42	ditto	
	Chittagong Hill Tracts	Brahmunbariah Rungamatee Hill	0-07 0-80	2·66 0·40	8·11 6·43	ditto ditto	
Į	Hill Tipperah	Hill Tipperals	0-47	2 00	6-66	ditto	
BEE	AR.	Patna	Nil	0-20	2-90	ditto	
ſ	Patna {	Behar Barh	ditto ditto	0·18 0·43 0·10	3·63 3·17 2·68	ditto ditto ditto	
İ	9	Cantonment	ditto	Not rec. 0.10	2 38	10th March 17th March	
l	Gya	Gya Nowadah Arungahad	ditto ditto ditto	# 010 # 10	3:36 3:26 0 70	ditto	Not rec. 18th to 24th Feb. Not rec. 12th Jan. and 4th to 10th
İ	Į	Jehanabad	ditto	0-08	3-90	ditto	Feb.
	Shahabad {	n	ditto Not rec. Nil	0-34 Not rec. 0-78	5·41 3·69 5·20	ditto 23th Feb. 17th March	Mahama tuul a saal tu
PATEA.	4	Bhubocali	ditto	0.30	4.9	ditto	Not rec. 18th to 25th February.
A	: Mozufferpere }	Hajeepore	ditto	Not res. ditto	2 67 2 83	ditto	Not rec. 18th to 28th February. Ditto ditto.
		Sestamurhee Durbhunga	ditto Nil	ditto 0:02	3·31 3·27	ditto 17th March	Ditto ditto.
	Durbhunga {	Mudhoobunne Tajpore	ditto ditto	M, 3	2.89 3.83	ditto ditto	
İ	Serun {	Chupra Sewan	ditto dit t o	Not A ditto T	8·67 4·97	10th March ditto	
Į	Chumparun {	Motiharee Segowlie	ditto ditto ditto	Nil Not real	4:08	17th March 10th March ditto	Not rec. 25th February to 3rd March.
r	(Monghyr	ditto	diffice of	ti 2:31	ditto	2705 Fee: and Peditury to 3rd March.
	Monghyr {	Hegiowerai Jamoree	ditto dit to	was his	3 -00	ditto ditto	
	Bhagulpore	-Bhagulpore Boopool Muddehpoora	ditto ditto ditto	0.0	2.75 2.84 4 2.01	17th March ditto ditto	
BEAGULFORE.	Bhagulpore	Sinka Soutura	ditto ditto		3-88 	ditto ditto	
BEAG	Purneah {	Purneah Kissengunge	ditto ditto		1 ?	ditto ditto	
Í		Arrareah	ditto ditto		heav Thoths	ditto ditto	
-		Rajmehal	ditto	Nil 4		ditto	
•	Southal Pergunnaha	Deoghur	ditto	20	6-03	ditto	
	j U	Godda	ditto	0-3 is	2.88	ditto	

No. 13 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 28, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazzitz may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE REPORT OF THE BOARD OF REVENUE ON THE ADMINISTRATION OF ESTATES UNDER THE CHARGE OF THE REVENUE AUTHORITIES FOR THE YEAR 1875-76.

REVENUE DEPARTMENT.—LAND REVENUE.

Calcutta, the 16th March 1877.

READ-

THE Report of the Board of Revenue on the Administration of Wards' and Attached Estates for the year 1875-76.

This report, which is again submitted very late, gives a complete account of the administration of Wards' and Attached Estates in the Lower Provinces during the year. The form of the report is the same as that in which it was cast last year, and gives full information regarding each several estate. The Lieutenant-Governor thinks, however, that it will not be necessary to furnish these details for every year, and it will be sufficient next year, in addition to the usual statements, to give a more general account of the administration of the Court of Wards, and to submit a full report regarding the administration of the more important estates only. The Lieutenant-Governor acknowledges the care and accuracy with which the present report has been prepared.

	together 464 estates		of	the Revenue
authorities during the	year under review,	as follows:-		

	Burdwan.	Presidency.	Bajshahre and Coch Behar.	Dacta.	Chiffingoug.	Paton.	Bhegu pore.	Orissa.	Chota Nagpore.	Total.
Wards' Estates	8	17	21	17	6	24	6	9	10	119
Attached		5		12			1	1	326	340
Total	8	22	21	20	0	24	7	10	836	468

The Syudpore Trust Estate in Jessore makes up the total of 464 estates. Of this number, no less than 326 are estates sequestrated for debt in the Chota Nagpore Division.

3. No report has been submitted regarding the properties of Narail in Jessore, Surjapore in Purneah, and of petty estates in Furrecepore and Sarun. The total demand of ront of all of the estates of which returns have been received is Rs. 1,58,04,715, of which Rs. 69,78,132 represents the current demand, and Rs. 88,26,583 the arrear demand due on account of previous years. The total collections during the year were Rs. 62,74,409, or only 39 per cent. of the total demand. The current Government revenue due from the estates was Rs. 27,69,956, of which Rs. 24,18,426 were paid. The following statement for all estates under charge of the Revenue authorities will show these results in detail, division by division:—

	. v:== .		·=	· —	:	±=	· <u>···</u> ······			
	Buriwan.	Presidency.	Rajekahyo.	Darva.	. Chittapong.	Patria.	Bhaguipere.	Orista.	Chota Nagpore.	Тотаг
	Ra.	iks.	lla.	lta.	Rs.	Rs.	Rs.	Rr.	Ru.	Re
Arrear rent	2.22,046	44,43,000	7,13,095	3,22,178	1,85,611	21.51,620	4,12,443 :	91,106	2,94,267	59,211,543
Cerrent demand of rent	1,93,156	#3,46,170	0,15,514	4,35,831	1 60,144	17,75,552	6,11,922	1.16,627	4,20,712	44.78,132
Total collections during the year.	1,81,587	22,77,478	9.15,939	3,44,343	1.73,107	13,52,932	5.04, 23 6	1,22,796	3,91,9 51	62,74,400
Government revenue paid during the year.	25,165	10,28,370	4,64,975	79,400	V 5,40 0	2,73,458	8,57,331	31,903	42,697	24,14,426

- 4. The amount of arrear reats is large in all divisions. The reason of this is that, when the Court of Wards assumes charge of an estate, it usually finds that there are large arrear balances which are unrealizable and swell the balance of outstanding accounts until they are finally written off. But under any circumstances the amount of arrears of rent must always appear considerable, as the whole of the current demand is not realizable within the year, and this balance must be carried forward as an arrear of rent. The result of total collections during the past year is, as the Board of Revenue observe, unsatisfactory as compared with the total demand of rent, but the proportion is better than in the previous year, and it contrasts not unfavourably with the total of the current demand for the year.
- 5. In the Burdwan Division the arrears are chiefly on account of the Chuckdiggee estate. In this estate it was found necessary to remit Rs. 99,225 of the arrears, and the greater part of the remainder, amounting to Rs. 89,000, will, it is hoped, be realised. This estate is unfortunately weighed down by several heavy law suits which are not yet decided.
- 6. The arrears of uncollected rent are heaviest in the Presidency Division, where they amount to more than 42 lakks of rupees. In the Satkhira estate alone

more than 33 lakhs of rupees are in arrears. Of this sum, Rs. 13,50,280 were remitted during the year as being wholly unrealizable. This estate is greatly involved in debt. It came under the charge of the Court in 1872, with a rent-roll of less than 3\frac{1}{2} laklis and outstanding balances of more than 60 laklis of rupees. Out of a total debt of Rs. 8,41,055, Rs. 5,16,039 were paid off during the year and Rs. 931 reduced by compromise, so that the balance of debt is reduced to 3½ lakhs. The Paikpara is the largest estate in this division, and continues to prosper under the efficient management of Mr. Harvey. The total sum invested on account of this estate is Bs. 23,65,808, of which 4 lakhs were invested during the year. The collections are satisfactory. The actual expenditure from the estate on charitable purposes amounted to I:s. 18,354 during the year, of which Rs. 8,554 were for schools and Rs. 2,300 for dispensaries. The management of the estate of the Maharajah of Nuddea is also satisfactory. The estate is now quite free from debt, and shows a small cash balance at the end of the year of Rs. 12,935. The Nuldanga estate in Jessore seems to be efficiently managed. The Lieutenant-Governor regrets to see that returns for the official year are again wanting from the Narail estate. One-sixth share of the whole of the Narail property belongs to the minors, and is therefore under the Court of Wards. The arrear balances are very large, amounting to more than 5 lakhs of rupees, and are mostly irrecoverable. It appears also that only 65 per cent. of the current demand was realized during the year. The estate had Government securities for Rs. 35,916 at the close of 1874-75, but more than half of these have since been sold off to meet decrees, and there is a considerable claim against the estate still undisposed of. In a separate correspondence the Lieutenant-Governor has asked to be furnished with more definite particulars regarding the financial position of this estate. In the Moorshedabad district serious mismanagement has been disclosed and defalcations have been brought to light. The collections in the Nushipore estate, the largest in the district, were very unsatisfactory. The Collector of the district, Mr. Mackenzie, merits the acknowledgments of Government for the thorough manner in which he has investigated and cleared up the accounts of the several Wards' Estates under his charge.

- 7. The management of the Court of Wards' Estates in the Rajshahye and Cooch Behar Division appears to call for no special remark, but it is noted that most of the lesser estates are indebted. The management of the two large estates of Chanchal in Maldah and Chucklajat in Julpigoree is efficiently controlled, and the former estate now shows a sum of more than three lakks of rupees invested in Government securities. A measurement and re-settlement of the Chucklajat properties, which are the possessions of the Maharajah of Cooch Behar within British territories, and extend over parts of three districts, are now in progress.
- 5. The estate of Jegut Kishore Acharjee, in the Mymensingh district, affords a fair illustration of the state of things to which too many estates are unfortunately reduced before they come under the Court of Wards. The late proprietor died in November 1875, and the estate was taken charge of by the Court on the 8th January 1876. The accounts were found to be in utter confusion, and it has been impossible to furnish a clear statement of the revenue payable, or of the collections due. The current demand of rent is said to be Rs. 68,000, but it is probably more than this. On the other hand, the estate is heavily encumbered. The precise amount of the debts has not yet been ascertained, but they are estimated to amount to from eight to ten lakhs of rupees. Efforts are already being made to reduce this debt, but it is evident that the difficulties in the way of the Court are great, and that in such a case as this but little can be undertaken for the improvement of the tenants of the estate. And yet, hopeless as this case may seem, the Licutenant-Governor would venture to hope that it may still be found possible to clear this estate from debt, as has seen done in regard to other estates equally involved which, after the close of the ward's minority, have been handed over to their proprietors in a solvent condition.
- 9. The Durbhunga estate in Behar, which is far the largest Wards' Estate in these provinces, came under the Court of Wards in 1863 with very heavy debts and in much disorder. The whole of the debts have long since been

paid off, and at the close of the year 1875-76 the estate had, after meeting a heavy and unforeseen expenditure, a balance of Rs. 18,78,579 invested in securities. The rainfall during the latter part of the year was scanty and scarcity was apprehended, and it was found necessary to organise relief works over a great part of the area of the estate. These relief operations extended from February to September 1876, and involved a total expenditure of Rs. 52,786 on account of charitable relief, and Rs. 83,701 on account of relief works. Large realizations were also foregone. Out of a total current demand of rent amounting to Rs. 21,20,499, only Rs. 6,26,499 were recovered, and of the arrear demand of Rs. 22,30,976, only Rs. 10,12,386 were recovered; Rs. 4,06,012 of arrear rent were remitted. Thus the administration of this estate during the year was marked with extreme leniency to the tenantry. A large sum, amounting to more than twelve and a half lakhs of rupees, was expended by the engineer of the estate upon public works.

The report of Major Money, the manager of the estate, sufficiently shows the impoverished condition of the people, and evidences the obligation that the Court of Wards lay under as a just and liberal landlord to assist the tenantry and relieve them from liabilities which had been incurred over a series of years, and which on account of their own poverty and the recurrence of bad seasons and indifferent harvests they were unable to discharge without assistance. It is undeniable also that in previous years the people had been rack-rented, and that the demands of rent from them had been greater than they could possibly pay. A special officer has recently been appointed in the Durbhunga estate, on the ground that a resettlement of holdings and a revision of rents would be necessary in those parts of the estate which had suffered from scarcity. But no record of rights is to be drawn up, nor is any general settlement of the estate to be taken in hand, and the Lieutenant-Governor has directed that the survey and settlement which had been proposed shall not be attempted in the case of this estate, which will so soon pass out of the management of the Court. The Maharajah has already attained the age at which he would, under the law in force at the commencement of his minority, have been entitled to assume the management of his own property. That he is still a minor under the charge of the Court is due to the operation of the Indian Majority Act of 1875, and the estate will finally be released in September 1879. The Lieutenant-Governor is glad to read the very favourable account that is given in the Board's report of the behaviour and progress of the Maharajah of Durbhunga and of his younger brother. From all he heard when lately visiting Durbhunga, the Lieutenant-Governor is satisfied that they deserve all that has been said of them, and Mr. Eden was especially pleased to find the Maharajah working well and intelligently in the management of a portion of his estate under the direction of Major Money.

- 10. Most of the other Behar estates, especially those in the Sarun district, are remarkable for their heavy liabilities. An exception is the estate of Avadh Behari Sarun Misr, which has Rs. 1,10,500 invested in Government securities. The estates under the Court of Wards in the Bhagulpore Division are also mostly in debt. The difficulty of restoring solvency to a small estate, in which the expenses of management necessarily bear a high proportion to the income of the estate and the material resources are few, is of course greater than it is in the case of large estates, where the proportion of expenditure is small and the opportunities for increase of revenue numerous.
- 11. In Orissa the only large Wards' Estate is that of the Rajah of Kunnika. This has been in the hands of the Court since 1864, and is still much involved. The financial position is, however, improving, and debts to the amount of nearly 1 lakh of rupees have been paid during the year.
- 12. Much progress has also been made in the large Chota Nagpore estate in paying off debts, which have been reduced during the year from 2½ lakhs to Rs. 1,68,505. The Dhalbhoom estate in Singbhoom and the Deogar estate in Lohardugga are solvent, and have considerable sums invested in securities. Both these estates have been long under the management of the Court of Wards, and their present satisfactory condition is due to the care bestowed on their management by the revenue authorities.

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 17th March 1877, on 1882 miles open.

	L	COACRING TRAFFIC.	Merchardian and Mine	Total					
	Number of passencers.	Conching receipts.	Weight carried. Re	receipts.					
1000000		Rs. A. P. & s. d.	Mds. S. Rs. A. P.	E e. d. E e. d.					
Total traffic for the week	33,309	26,028 2 3 2,385 18 3	2,29,794 0 33,090 11 6	3,033 6 4 5,419 4 7					
Or per mile of railway	233	164 7 7 15 1 6	1,452 4 209 1 8	19 3 5 34 4 11					
For previous 10 weeks of half-year	380,529	2,82,121 1 3 25,841 2 0	17,87,580 8 8,52,136 9 10	32,306 13 8 58,167 15 8					
Total for 11 weeks	415,738	3,08,149 8 6 29,347 0 8	19,67,383 8 3,85,627 5 4	35,349 0 0 63.5%7 0 8					
COMPARISON.									
Total for corresponding week of previous year	34,813	23,091 15 9 2,171 15 4	1,69,080 11 31,704 7 7	2,906 4 10 5,078 0 2					
week of previous year Total to corresponding date of	220	149 11 5 13 14 5	1,068 1H 200 · 5 6	18 7 4 32 1 9					
previous year	415,407	2,98,487 12 0 27,856 15 10	17,83,578 7 3,24,692 7 0	29,763 V 6 57,120 5 4					

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 17th March 1877, on 271 miles open.

Total traffic for the week Or por mile of railway	2,455 90	Ru. A. P. 1,217 0 0 44 8 0	£ s. d. 121 14 0 4 9 0	Mds. B. 3,194 0 117 0	Re. A. P. 347 0 0 15 0 0	& c. d. 34 14 0 1 6 0	156 8 0
For previous 10 weeks of half-year	23,700	11,397 0 0	1,139 14 0	74,874 0		B45 4 0	1,684 15 0
Total for 11 weeks COMPARISON.	26,161	12,614 0 0	1,261 8 0	78,070 U	5,799 Q P	579 18 0	1,841 6 0
Total for corresponding week of previous year	2,210	1,133 18 5	113 7 8	5.014 20	i i	48 0 4	161 8 e
Total to corresponding date of pre- vious year	1 ma #89	41 9 P 11,638 15 7	1.163 17 11	1,16,330 10	17 0 11 1 8,967 3 0	1 15 3 886 14 6	5 18 6 2030 12 5

No. 14 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 4, 1877.

· OFFICIAL PAPERS.

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Extract from the Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 31st March 1877.

Present:

The Honor the Lieutecht-Governor of Bengal, presiding,

The Hou'ble V. H. SQUALCE,

The Hou'ble V. H. SCALCH,
The Hon'ble II. J. RESOLDS,
The Hon'ble H. BELL.
The Hon'ble H. BELL.
The Hon'ble Baboo Residuence Mitter, Rai Bahadoor,
The Hon'ble Baboo Residuence Sen, Rai Bahadoor,
The Hon'ble Baboo K. Odas Pal, Rai Bahadoor,
The Hon'ble Baboo K. Odas Pal, Rai Bahadoor,
The Hon'ble Nawab L.

PROVING COLOR OF THE HON'BLE MR. Reswith Color of the leave to bring in a Bill to provide for the levy of a rate for the fetion and maintenance of provincial public works in Bengal. He said to financial statement which was made in the Council of the Governor-Gener on the 15th March, and the debate which sequently followed, would have prepared the Council for some such measure in he had the honor to bring for ard to-day. The Government of India had determined to develop still further the system of provincial finance established in 1871, and to make over the management of the local Governments

several departments of revenue which had hitherto been under the control of the Government of India. This transfer, as far as it related to departments which came under the head of what was termed ordinary budget expenditure, would not in itself require any increased taxation. The Government of Bengal had accepted a reduction of Rs. 5,90,000 from the existing grant. But it was anticipated that this sum would be made up by greater economy of administration and by the natural growth of some of the branches of revenue which had been transferred, more particularly the great departments of Excise

and Stamps.

But concurrently with this, it had been determined to render the local Governments responsible for the cost and management of extraordinary public works—that was to say, such public works as railways and works of irrigationwhich had been constructed with borrowed money and had not been paid for out of the revenues of the year. These works were the three great irrigation canals on the Soane, in Orissa, and at Midnapore, and the State railways of Port Canning, Nulhattee, Northern Bengal, and Tirhoot. These works were of the greatest provincial utility, but they were at present carried on a financial loss. The working expenses on the canals exceeded the revenue at present realized by about one and a half lakhs, without taking into consideration the charges for interest, and though the traffic receipts from the railways were considerably in excess of the working expenses, they fell very short of the charges for the working expenses and the interest together. It should be explained that the Government of India did not propose to render this Government responsible for any accumulated arrears of interest on account of past years. The Government of Bengal would take over the works as they stood, and would be responsible for the payment of simple interest on the capital outlay up to date, and for the provision necessary for future working expenses.

Calculated upon this basis according to the figures which had been furnished, and which might be subject to modifications, the charge for interest upon irrigation works amounted to Rs. 20,69,000, and the working expenses exceeded the receipts by about Rs. 1,50,000, making a total charge of Rs. 22,19,000 on account of canals. The charge for interest on account of State railways was Rs. 8,21,000, and the net earnings, or the amount of traffic receipts in excess of the working expenses, was Rs. 2,93,000, reducing the total charge to Rs. 5,28,000. Taking the two heads of irrigation and rail-ways together, the sum for which the Government was responsible amounted

to Rs. 27,47,000.

It must be evident to hon'ble members that it was not possible by any reduction of expenditure, or by any normal growth of the present resources of revenue, to provide for a liability of this amount, and that it was necessary to take special measures for raising additional revenue. It might be added that even the sum he had mentioned hardly represented the entire liability; for provision must be made for the completion and extension of these works which were still unfinished, and for such new works as might be necessary in Bengal. And, moreover, it would not e prudent for the Government to calculate its ways and means on a scale w. ch would leave just an equilibrium between income and expenditure, and would rely avoid a deficit at the end of the year. It was necessary for the Govern ent of Bengal to do something more than this, and to have a surplus and a reverend in hand. It had been more than this, and to have a surplus and a r laid down by the Government of India system of provincial and local responsibil the event of a famine. It was true that B contingency of famine than other parts of h which had befallen these provinces within shown that the contingency of famine we altogether to overlook. He believed the famine of 1874 the Government of which it incurred in the purchase and t. hundred and eighty lakhs towards relief Under the policy which had now been declared we could not expect such assistance in future, and we should be called upon the meet local requirements from local resources. He thought he was within the mark when he said that it was necessary for the local Government Rs. 35,00,000 in excess of its present receive and this could be done only by additional taxation.

it was necessary to introduce a or the provision of local relief in I was happily less liable to the 1; but the two great calamities o last twelve years must have a which we could not afford embors were aware that in des the direct expenditure i grain, contributed about a s in the distressed districts.

paise from Rs. 30,00,000 to

It was then to be considered how far, and by what means, it might be possible to do this. Perhaps it might be thought of little use first to show that taxation was inevitable, and then to consider how far it might be possible. But he believed he was justified in saying that the local Government would not have consented to accept this financial responsibility, if it had not been satisfied that the necessary funds could be raised without unduly adding to the burdens of the people. He did not know whether it had been sufficiently taken into consideration that the people of Bengal were perhaps at present the most lightly taxed people of any country in the civilized world. Almost the only tax which the masses of the people were called upon to pay was the salt tax. In one sense no doubt this was a high tax—that was to say, the amount of the tax bore a large proportion to the cost of production of the article taxed. But that it was not felt as a burden by the people was shown by the fact that the consumption in these provinces was fully sufficient for all the requirements of necessities and health. The consumption of salt in these provinces was about ten pounds per head of the population per annum, and it was doubtful whether the consumption would be much larger than this if salt was not taxed at all. The salt tax then, even as it stood at present, was no oppressive burden, and the Government of India had expressed their intention of reducing the tax as soon as it was possible to do so. Amongst the other customs duties, the only tax largely paid by the people of Bengal was the duty upon imported cotton goods, and he need not remind hon'ble members that it was the declared policy of the Government of India to remove this tax as soon as financial considerations would allow of its abolition. The revenue from excise yielded in these provinces a sum of about Rs. 62,00,000 among a population of sixtytwo millions; it was a revenue to which no one need contribute unless he liked; and, on the whole, the sum amounted to one rupee per annum to every ten of the population. The revenue derived from stamps yielded about Rs. 90,00,000, the greater part of which was derived from court fees, which the people could to a great extent avoid if they pleased, and after all the stamp revenue was only about from two to two-and-a-half annas per head of the population. Direct taxation did not exist in Bengal. The present road cess could not be looked upon as a tax; it was assessed by the people, administered by the people, and expended by the people. It was nothing more than a scheme by which legislative recognition had been given to an arrangement for allowing the inhabitants of a district to expend a part of their surplus wealth in the improvement of their own property. The financial burdens of the country being so light as they were, he did not think any appreheusion need be felt that there would be an excessive strain on our resources by raising such a sum as 30,00,000 or 35,00,000 from so great and opulent a province as Bengal.

The statement of the Financial Member of Council, while recognizing the necessity for additional taxation, indicated two main principles which the Government of India desired to see maintained in any measures which might be brought forward. The first of the principles was that recourse should be had to the extension and expansion of the present means of raising money rather than to new and unfamiliar forms of tax tion; the second was that the cost of the works should, as far as possible, by recovered from the persons who primarily benefited by them. In the two materies which would be proposed to the Council to-day, it had been the object of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles. The second of the overnment to recognize and maintain these two principles had more relation to the Bill which stood in the notice paper in the overnment of the overnment to recognize and maintain these two principles had more relation to the Bill which stood in the notice paper in the overnment of th

two principles. The second of the second of the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the notice paper in the stood in the stood and appreciated by the people.

It was proposed to make and cess valuations the basis of a new additional assessment, the post of the stood which would be devoted to the construction and maintenance which would be devoted to the cess would be fixed by the local Gallet them time to time for each district, but it would never exceed the rate of the stood cess was at the stood cess was

this kind was better suited perhaps than any other which could be devised for meeting the necessity which we were now called upon to face. The incidence of this tax upon individuals would be light, because the tax would be distributed over a large area. Every one would know with certainty how much he would be required to pay, and there would be no inquisition into the profits or income of any one. And even if the tax was fixed at the highest rate which would be authorized by law, a ryot who paid a rental of Rs. 64 per annum would only be required to contribute one rupee towards this cess, and this was a sum which such a ryot might reasonably be expected to be able to afford without any difficulty or distress.

He did not propose to go into any further details at present. The Bill had been drafted and would be placed in the hands of members in a day or two; and if leave was now given to bring it in, he proposed to move on Saturday next that the Bill be read in Council and referred to a Select Committee.

The motion was agreed to.

RATE UPON IRRIGATED LANDS.

The Hon'ble Mr. Ravenshaw moved for leave to bring in a Bill to provide for the levy of a rate upon irrigated lands in the Lower Provinces of Bengal. He said that the hon'ble member to the right had given a fair and able exposition of the position of the Government at the present time, and it was

perhaps unnecessary that he should add much.

Under the late decision of the Government of India to enforce provincial responsibility for the financial results of public works constructed at the public expense for local and provincial purposes, the sum due to the Government of India from the province of Bengal had been estimated at Rs. 27,47,000. Of this amount, Rs. 22,19,000 was due for canals and irrigation works as representing the net working expenses plus charges for interest. The gross revenue derived from water-rates and other direct returns had, under the existing system of voluntary leasing, been estimated at Rs. 4,25,000 only for the year 1877-78—a sum which did not cover working expenses.

We had three great canal schemes in more or less active prosecution. These canals commanded an irrigable area of 690,000 acres, and it was expected that with vigorous prosecution of the works the irrigable area would annually increase, and in five years would have reached 1,121,000 acres. Of the 690,000 acres now irrigable, an insignificant proportion had so far been leased under the existing voluntary system, and there was no immediate prospect of these costly and necessary works yielding an adequate return. Drought and flood recurred periodically, and every year disclosed more and more the vital necessity for vigorous prosecution of canal and irrigation works, which were to India as arteries of trade and communication and veins which nourished the thirsty soil. He had personal experience in Orissa, extending over many years, of the frightful misery and loss caused by famine and flood; but he regretted to say that, notwithstanding the dire misfortunes and sufferings the people had sustained, they were still very backward in availing themselves of irrigation, even when he water was brought to their door.

Similar difficulty had been experienced; a the Midnapore and Soane canals. This backwardness in leasing for wat a and the urgency of financial considerations, rendered it immediately nechelping the people to help themselves. from flood must go hand in hand, and any to propose would involve provision of the a moderate, but compulsory, payment. rate, we should be giving the people more

The most recent inquiry, made showed that the average value of rice exceeded the value of rice raised on an Rs. 3-3 per acre. This was wholly due obtained in a season of favourable rainfall.

The Bill he now asked permission to bling in might be correctly indicated as likely to afford security and profit to every landlord and cultivator within the irrigated tracts to which the Bill ould apply. In fact it was proposed to give to each person holding irrigable and a value of Rs. 3-3 per acre, and to insist on a moderate proportion of the same being contributed as an

sary to move in the direction of ation, drainage, and protection asure it may now be necessary three advantages in exchange for proposing to levy a compulsory n an equivalent for any payment

> t care in Orissa last season, n an acre of irrigated land similar unirrigated land by gation, and these results were

insurance rate to enable Government to continue to afford protection from drought, flood, or famine in the future.

HIS HONOR THE PRESIDENT said, I think it will be expected perhaps that I should say something in respect of these measures which are now before the Council, and for the introduction of which leave has been asked. It has been explained by the Hon'ble Mr. Reynolds that we have been compelled to ask you to assist us in raising a considerable sum of money in order to give effect to the measures which we have been directed to carry out by the Government of India. The Government of India have given to the Provincial Government a very considerable amount of freedom in the future in the management of its own affairs; but it has also, as the hon'ble gentleman has explained, thrown upon us the responsibility of raising the money necessary to meet the interest upon the works already constructed, and about to be constructed, and to carry out such further works of improvement as the Provincial Government may consider necessary.

As has been pointed out by my hon'ble friend, in doing this the Government of India has not charged us, as it might have done, if it could be shown that the works were immediately remunerative, with the accumulated interest upon the capital of these works. It has wiped that off, and has allowed us to start fair with the works as they stand, and has merely imposed upon us the responsibility of paying the current interest which may arise year by year.

There is no use in our discussing the correctness of the principles by which the Government of India has been guided in this matter, because the thing has been done, and cannot be undone by anything we can say in this Council. For my own part, I must say that however painful and disagreeable it may be to me to commence my administration of these provinces by imposing further taxation, I, for my part, personally feel that the principles of the Government of India are correct in the abstract. Indeed their application would have fallen upon us very lightly, if it had not been for the accident that we are clogged at starting by those two great schemes—the Orissa and Midnapore schemes—which have been taken over by the Government of India from a private company. No doubt, as my hon'ble friend Mr. Ravenshaw has stated, the Orissa Canals have already done an enormous amount of good to immense tracts of country. They have brought into cultivation large areas of land which were hitherto arid plains; and where the water has been used, these plains have been converted into gardens. But the people, though they have seen the benefit derived by their neighbours from using the water, have not yet learned by their experience, and they abstain from using the water up to the very last moment that it is possible to do so, and until they are pressed by real drought bearing upon them. But we are compelled to be ready for them, and keep up the works and establishments, and to be prepared at the very last moment to supply the water which the people demand. This being so, it is only reasonable that the Government should call upon the people to contribute towards the expenses of the establishments, and to make provision for keeping up these works.

I have spoken on the subject to many experienced revenue officers and native gentlemen, and I have found that they all concur in thinking that the principle of levying a moderate compulsory water-rate is a reasonable and proper one, and it is one to which, the people, although of course they would object to any form of taxations, all not raise any substantial objection. I cannot make them pay the whole cost of the work because, as I have said, the expenditure has been objected to meet the interest on the capital locked up in these works, as well as the interest on new railways which have not yet commenced to pay, and the first charge on the new cheap railways which we have to construct, and this they as explained by the Hon'ble Mr. Reynolds, to meet by a general provincial for the works cess, which I trust will cover the deficit and provide us with the works cess, which I trust will cover the deficit and provide us with the past expenditure, enable us to press on the work of providing such chear railways as will confer the greatest possible benefit to the province. I shall take care in future that no capital is expended on railways and irrigation works without the most positive and conclusive evidence that they will yield the interest on the capital which is be expended on them. But it must be retained that we must always have some money in hand to pay for the const.

margin in hand; therefore it will not do to cut down the amount we are to raise to the bare sum which will be required for the interest on the works

which are already completed.

The road cess has now been tried, and has worked well and unoppressively; it has been collected without difficulty, and almost, I must say, without any complaint, as far as I have heard. Therefore I think, even if it is considered that there are forms of taxation which are preferable and theoretically open to less objection, it is better to apply the road cess machinery to our purpose and choose the evils which we do know, rather than plunge into evils that we do not know, on the mere chance that they may turn out to be better able to be borne than those from which we now suffer. I think it is better to endeavour to raise our taxation by a rough process which requires no fresh expenditure whatever on extensive establishments, than by a more carefully adjusted system of taxation, involving large assessing and collecting establishments and constant interference with the people. Let us raise what we require to raise this year, at all events, by the development of a form of taxation We are much pressed for time and have not which is now in operation. leisure now to commence discussions on the general principles of taxation, but during the year we shall have time to consider whether any other mode of taxation can be substituted for a portion of the cess which shall reach the trading classes. There seems to be a very general opinion that something should be done to put a tax upon the trading classes. I am not in a position now to propose any tax of this sort; but I do quite concur in the view that if it can be done it should be done. I have therefore consulted the Commissioners of Divisions as to whether any such tax can be imposed in Bengal as the license tax which has been passed for the North-Western Provinces; and if we wait, we shall by this time next year have the benefit of the experience of the working of that tax in the North-Western Provinces, and then we can consider whether we can shift any portion of the burden of

I expect to be met with the objection that I am imposing the whole cost of carrying out these works upon one particular class, viz. the class interested in the land. But I am sure that no one will deny that it is the land which has benefited more by these works than any other branch of national wealth; nothing has improved so much during my residence in India as the position of the cultivating classes, and nowhere has the position of these classes so much improved as in the neighbourhood of railways and canals which have been constructed, or in those parts of the eastern districts where Nature has provided water communication which has brought the people within easy reach of the large markets. I think there is no reason why those who have profited by these benefits, whether they are natural or artificial, should not be called upon to contribute semething out of their accumulating wealth to the assistance of their brethren in the outlying districts who are now shut out from all markets, and who do not enjoy the same advantages as themselves.

There is one point in respect of which I admit the cess is deficient. It throws upon landlords the duty of collecting the rate, while they have not such facilities as they should have for the ready and prompt realization of their rent and the Government cesses. This difficulty had already attracted the attention of my predecessor Sir Richard Temple, and just before he left Bengal, he recorded a Minute expressing his intention of at once applying for the sanction of the Government of India to pass a short Bill to provide a system for the realization of rent in a somewhat more summary and prompt process than that which now exists. I shall give the subject my best attention, and I may say that I am already in communication with the officers subordinate to me, and I hope it will not be long before I shall be in a position to ask the Council, with the permission of the Government of India, to pass a Bill of this sort. I think that with that Bill the objection of the landlord classes will disappear. I can only add my hope that, having regard to the difficulties of the position in which I am placed, I shall have the cordial support of the Council in passing these measures, even if they do not think them absolutely perfect. The financial year begins to-morrow, and with it commences all our difficulties and responsibilities, which I must ask you to put me in a position to meet.

The motion was agreed to.

The Council was adjourned to Saturday

CHOLERA IN THE BACKERGUNGE DISTRICT.

FINANCIAL DEPARTMENT—INDUSTRY & SCIENCE—No 949. Calcutta, the 2nd April 1877.

From—H. J. S. Cotton, Esq., Junior Secretary to the Government of Bengal, To—The Commissioner of the Dacca Division.

I am directed to acknowledge the receipt of your letter without number, dated 24th March 1877, forwarding with your remarks a report from the Magistrate of Backergunge regarding the recent outbreak of cholera in that district.

- 2. The total mortality from cholera is estimated at 12,750 deaths. This is considerably less than has been reported from Noakholly, where, up to the 31st January, the deaths are stated at 30,263, and up to the end of February at 45,000. But a final official report from Noakholly has not yet been received.
- 3. The Lieutenant-Governor cordially acknowledges the exertions of both the Civil and Medical officers in Backergunge during the past very trying season. Assistant Surgeon Baboo Kali Das Mookerjee, who, it is stated, had done excellent service, was unfortunately drowned by the upsetting of his boat in the Megna river; and the Lieutenant-Governor has heard of his death with regret. Upon the whole, the extra native doctors behaved fairly well. The burden of the medical arrangements fell upon Dr. Cameron, the Civil Surgeon, and the Lieutenant-Governor has formed a very favourable opinion of the energy and judgment with which he directed, and himself shared in, the administration of relief. An expression of this opinion will be communicated to the Surgeon-General in the Indian Medical Department.

Dated Dacea, the 24th March 1877.

From—F. B. Peacock, Esq., Offg. Commissioner of the Dacea Division, To—The Offg Secretary to the Government of Bengal.

In accordance with orders contained in your letter No. 585, dated 23rd ultimo, I have now the honor to submit in original the accompanying reports from the Magistrate and Civil Surgeon of Backergunge on the recent severe outbreak of cholera in those parts of that district which suffered most from the effects of the cyclone and storm-waves of the 31st October last.

2. I do not think there is anything in the circumstances of the places affected by the late epidemic which would operate to exempt them from the occasional visitations of this disease, to which all parts of Eastern Bengal are liable. But, as the Magistrate remarks in his second paragraph, there can be no doubt that the late outbreak was aggravated and intensified, if not actually caused, by the state in which the people were living. It can hardly be a matter for surprise that cholera should rage among people living in an atmosphere so polluted as to be almost unbearable, especially when, in addition to this, they were insufficiently clad, indifferently housed, and badly fed. The only wonder to my mind is that the disease did not sooner make its appearance, and was not much more destructive than it was.

3. It is of course impossible to give, with anything like certainty, the number of deaths that have occurred. The sub-divisional officers of Dukhin Shabazpore and Patuakhally estimate them at 10,088 and 1,788 respectively, while Dr. Cameron puts them down at about 8,000 in the former, and about 2,900 in the latter sub-division. Neither of these estimates can in my opinion be accepted as anything more than the merest approximation to correctness, though of the two, from the manner in which it was framed. I consider Dr. Cameron's the most reliable. Information derived from the native doctors would no doubt be correct enough so far as it went; but there must have been many deaths in outlying villages which were never heard of. As for the information derived from a number of unintelligent, panie-stricken chowkeedars, it is palpable that this must be unreliable and unsatisfactory to the last degree.

4. In addition to the figures above given, Dr. Cameron estimates that about 300 deaths occurred in the portion of thana Backergunge visited by the disease, and about 1,550 in thana Mendigunge, or a total in all of 12,750 deaths. I can only hope that these figures do not represent a smaller mortality

than actually occurred.

5. As regards the treatment of the disease, Dr. Cameron's report shows that all possible endeavours were used to bring medical assistance as speedily and as close to the sufferers as possible. On receipt of the first intimation of the outbreak of the disease, the Surgeon-General was asked to send five native doctors fully equipped with medicines, &c., to Burrisal, and subsequently, as the disease spread, a further requisition for 20 more native doctors was made. Both these requests were complied with by the Surgeon-General with the utmost promptitude. Dr. Tomes was, under the orders of Government, specially deputed to Burrisal to take charge of the Civil Surgeon's duties at that place, so as to allow of Dr. Cameron giving the whole of his time and attention to the adoption of measures for the abatement of the disease and to the supervision of the native doctors employed in various parts of the district. An Assistant Surgeon, Baboo Kali Dass Mookerjee, was also sent to Burrisal with the first of the native doctors, and rendered useful service in Dukhin Shabazpore till the 5th February, when he was unfortunately drowned through his boat being upset in a storm as he was crossing the Megna to visit the adjacent island of Manpura.

6. Nor were our endeavours confined to the actual treatment of the disease itself. Both before and after the outbreak, everything that could be done was done to get the people to burn, to bury, or to dispose of in some way or other the numerous bodies of men and carcasses of cattle that were lying strewed about in all directions, to cleanse the tanks of the débris with which most of them were filled, and generally to take such steps as might prevent, or at least lessen, the chances of an outbreak. These endeavours were not relaxed, but were persevered in to the end, notwithstanding the apathy displayed by the people themselves, and the little assistance rendered by the zemindars and others who should certainly have been more alive to the extent

of the calamity than they were.

7. The disease has now happily almost disappeared, though a few places still require to be watched, principally in the thana of Mendigunge and of Burhamuddin in Dukhin Shabazpore. Ten native doctors have already been sent back to Calcutta, and the services of others will be dispensed with as soon

as this can safely be done.

8. It is satisfactory to notice that, with one exception, the native doctors behaved fairly well. That they should take, or attempt to take, fees from the people was inevitable under the circumstances in which they were placed; but so long as they did not neglect those who could not pay, and were active and energetic in the discharge of their duties, I should not be disposed to take too severe notice of this, even if the fact could be proved.

9. On the whole, therefore, I trust what has been done will have the approval of His Honor the Lieutenant-Governor, and that he may be pleased to signify, either through me or through the Medical Department, his appreciation of the good service rendered by Dr. Cameron throughout the whole

of the operations.

10. The return of the original papers when no longer required is requested.

No. 519, dated Burrisal, the 16th March 1877.

From—E. J. Barton, Esq., Offg. Magistrate of Backergunge, To—The Offg. Commissioner of the Dacca Division.

Wirm reference to your No. 84 of the 2nd instant, I have the honor to send you herewith a copy of a report by Dr. Cameron, the late Givil Surgeon here, on the recent outbreak of cholera in the wave-stricken tracts of this district.

2. Last cold weather there was an outbreak of cholera in these tracts, and this would seem to point to the existence there, independently of the storm-wave and its consequences, of conditions capable of themselves of calling into activity this terrible disease. That the special calamities of this year greatly aggravated these conditions there can of course be no doubt.

- It will be in your remembrance that when the Lieutenant-Governor was here shortly after the cyclone of the 31st October, the probability of the occurrence of a cholera epidemic in the wave-stricken tracts was discussed, and it was resolved to have a number of native doctors in readiness to meet such a contingency. Cholcra appeared in Noakhally shortly after the cyclone, but here for weeks there was no appearance of the disease in the wave-stricken tracts. The matter was often talked of by the Civil Surgeon and myself. The Civil Surgeon seemed to think that the two native doctors whom you sent from Dacca, and to whom he refers in the 2nd paragraph of his report, might be returned. I asked the Civil Surgeon to retain them, as I felt almost certain that cholera would come. He, however, did, I believe, return the men to you on the ground that there was nothing here for them to do.
- 4. In the sub-division of Dukhin Shubuzporo cholera, as an epidemic, broke out early in December in the extreme north in the Gazipura outpost, and soon after in Dowlutkhan thana. It was not, however, till January that the disease assumed its great and alarming proportions. Two additional native doctors were sent in December to this sub-division and posted in charge of the affected villages. By the beginning of January the disease had travelled southwards and appeared in the Burhamuddin thana. Dr. Cameron's report will show that nine native doctors were at work in the cholera-stricken tracts in the month of January. There was no time lost during the visitation to utilize to the utmost all the means of relief that were at our disposal. It will be in your recollection that I went to Calcutta after the Durbar in January, and one of the matters which took me there was the supply of a greater number of native doctors for the cholera-stricken tracts. In the first ten days of January cholera raged throughout the sub-division; the number of deaths was very large, and the people became everywhere disheartened. The disease, in its most virulent and destructive form, began to abate in Dukhin Shabazpere about the middle of January. The northern half of the sub-division, where the disease first appeared, recovered first, and by the end of January the epidemic had greatly decreased everywhere. The rains that followed in the beginning of February put a complete stop to it. At any rate, the epidemic ceased almost coincidentally with the copious rainfall which we had in the beginning of

February.
5. The number of deaths from cholera in Dukhin Shabazpore cannot at present, and probably never will, be ascertained with correctness. The figures of mortality given by the sub-divisional officer differ somewhat from those given by Dr. Cameron, and are these:—

Pe	LICH S	TATI	OFF.		November 1870.	!	December 1870.	January 1877.	Feinnary 1877.	Total.
l Jowlutkhan and Gazipura Hurbamuddin Takoli Tuzamuddin	Bhola				 36 60 12 		027 437 230	8.294 929 1,×62 430 944	244 68 461 80 361	4,205 1.4.4 2,574 510 1,305
	••			Total	 108	<u> </u>	808, 1	7,459	1,215	10,088

The chowkeedars, who are universally the most ignorant of men, might, and probably did, report the same deaths several times over, and omit or forget to report other deaths. Those conversant with the inexactness, both of memory and thought, which is a characteristic of these utterly illiterate and unintelligent men, will admit that this certainly occurred. These figures are based on the reports made by the chowkeedars, and are probably wrong. The sub-divisional officer thinks that the mortality is heavier than what is represented here; but 1 do not agree with him. Dr. Cameron's estimate, being based on the more intelligent observations of the native doctors whom we had studded all over the sub-division, is, probably the more accurate.

These figures show that the epidemic in Dukhin Shabazpore travelled from north to south. In November the largest number of deaths reported was in Gazipura outpost, i.e. in the extreme north of the sub-division. In December, too, the epidemic was severer in proportion to the population at Gazipura than at the more southern stations (Dowlutkhan and Bhola); for the number of deaths in the former was nearly three-fourths of the number in the latter, though in extent Gazipura is scarcely half of Dowlutkhan and Bhola. number of deaths in the southern half of the sub-division had increased from 12 in November to 239 in December, but this number is not a fourth of the number for the northern half, and cholern therefore was still most severe in the north. In January the mortality attained its highest point everywhere, and it was severer in Dowlutkhan than in Gazipura, and severest in Eurhamuddin, which is more to the south. The number of deaths in Burhamuddin was more than half that in Dowlutkhan, though the area of the former is scarcely half of the area of the latter. In February the number of deaths in the south was greater than that in the north, not only relatively to area, but absolutely.

7. Mr. Datte, the sub-divisional officer of Dukhin Shabazpore, gives the following

opinion regarding the causes of the epidemio:—

"The causes of this outbreak are various. Cholera, in an epidemic form, ruged here last winter and gradually died out in the rainy season, when good drinking-water was available everywhere. On the close of the rainy season cholera appeared again, even before the 31st October, and there can be no doubt the storm-wave of that date has fearfully aggravated it

in various ways. The stench proceeding from dead bodies and dead cattle everywhere, and in every village in this sub-division, was of itself sufficient to bring on a fearful outbreak. I have endeavoured as much as I could, by orders on the police, proclamations in hats and villages, injunctions on the villagers, and by personally impressing the subject on influential people in every place I visited, to have the dead bodies buried and the ground cleared, and I am assured that something in this way has been done, and is still being done.

"The storm-wave has brought the the outbreak in other ways too. Houses have been overywhere blown down and washed away, and people who have built up temporary sheds suffered from exposure in the cold season. The stored grain which has been recovered, as well as some portion of the new rice reaved, remained under water for many hours, and in

well as some portion of the new rice reaped, remained under water for many hours, and in some places for days, and were partly speilt, and the consumption of this speilt rice is another aggravating cause. The water in tanks in many places has been speilt, and the use of this water tends to disease. Imperfect clothing, imperfect food, and imperfect shelter have in all probability added to the virulence of the disease.

- 3. In connection with this, I beg to call prominent attention to the fact that the apathy and indolence of the people everywhere were conspicuous. Every means short of force were employed by the local officers to induce them to remove the carcasses Mr. Harris was sent to the spot on the day when first I heard of the inmutation of Dukhin Shabarpore, and he did all that was legally possible in trying to get the people to help themselves and clean their villages. The relief officers and the native doctors who were in the sub-division in the beginning of November did the same; but the people obstinately refused to help themselves. I sent all the mehters I could raise. It would have taken thousands of them to clean the wavestricken tracts of the dead bodies of human beings and cattle, for a great tract of country (about 1,100 square miles) had been affected by the waves. In this district and the neighbouring districts there are very few mehters. Of these, most are already employed, and a great many of them will not touch dead bodies. With the exception of one or two, none of the zemindars did anything. They did not even send their servants to incite the inhabitants to help themselves. Even if they had sent their servants, I doubt if they would have succeeded in rousing the readle and foreign them to do something. Alterether this was an succeeded in rousing the people and forcing them to do something. Altogether this was as disheartening an episode as any that occurred in connection with this great calamity.
 - 9. Mr. Datta thus reports regarding the present condition of the people: -

"The people are recovering themselves from the effects of the recent calamity—the wavestorm and the cholera. Although the crops were very seriously injured by the storm-waves, the people had their betelnuts and their saving of preceding years to fall back upon, and they are just at present disposing of large quantities of betelnuts and importing rice. Unlike what takes place in other years, there is no exportation of rice from this sub-division at present. On the contrary, boat-loads of rice are coming to the several large hats in this sub-division from Hattis, Noukhally, Nalchitti, and other places. Cattle, too, are being imported to the cattle markets from Madaripore, Mendigunge, and other places, while vegetables come mostly from Naraingunge and Dacca. Calamities so severe would have, of a certainty, been followed by a scarcity in most other places in Bengal; but the peasantry here are so well to do that they have up to the present time been able to find themselves in all the necessaries, and will probably be able to tide over till the next harvest. Their hats are thronged with people and tolerably well supplied, only that rice is not exported as in other years, and they have everywhere put up now sheds or houses and resumed their accustomed industries: and all this has been done although the crops suffered fearfully by the two cyclones; and in many villages that I have seen the dhan has not been at all reaped from the fields, for there was little to reap. To be sure many people have been impoverished and are distressed, especially those who found employment in previous years in building up huts, excavating tanks, &c. These people find no employment this year, as ryots are building their own huts and cannot afford this year to dig tanks. Some relief, however, will be given to these people when Government works are undertaken, either from the Khas Mehal Improvement Funds, or in the Road Coss Department. There is still greater distress in the extreme south in Bhuta, Lalmohan, Shombhupura, Golukpura, Dhali Gournagar, and Lakhi—places where the cyclone caused most dreadful loss in lives and property. The people of these parts will require assistance to recover themselves, and investigations are now being read a recovery require assistance to recover themselves, and investigations are now being made regarding their necessities and circumstances."

10. The cholera epidemic in the sub-division of Patuakhali was not nearly so severe

Name of the	i:a.	Tal 1	o b	
Bowful Golachipa			chol-ta. 775 349	fi
Mirzagungo	•••	•••	611	1
•	Total	•••	1,7+8	P

as in Dukhin Shabazpore. I give in the margin the figures of mortality which were supplied by the police. It is believed that they are only approximately correct. The figures for thana Golachipa are certainly wrong, and I think Dr. Cameron's estimate of 1,900 deaths there is probably nearer the truth. Dr. Cameron's report shows that wo had no less than seven native doctors at one time in this thana. The figures for Mirzagunge are believed to be

tolerably accurate. There the people suffered much less in the cyclone, and there was no storm-wave, and cholera did not rage in an epidemic form. The large figure shown for that than is due to better registration. In Bowfal and Goluchipa, which suffered most in the cyclone, cholera raged virulently from the latter end of December till the end of January. The village police became temporarily disorganized. Many of the chowkeedars are not alive, and the survivors during the epidemic were irregular in their attendance at the thanas. The

result has been that the registration of vital statistics by the police was extremely unsatisfactory. Mr Gupta, the sub-divisional officer of Patuakhali, visited several villages in Bowfal and Golachipa while the epidemic was raging, and also afterwards, and he is inclined to estimate the actual deaths in Golachipa to be quite three times what has been reported by the police, and in Bowfal twice.

11. The rainfall towards the end of January gave the first check everywhere to the disease. The cholera disappeared altogether in the sub-division of l'atuakhali immediately after the heavy rainfall in the first week of l'ebruary.

No. 144, dated Burrisal, the 14th March 1877.

From—Dr. L. Cameron, Civil Surgeon of Backergunge, To—The Magistrate of Backergunge.

With reference to your endorsement No. 428 of 5th instant, forwarding Bengal Government letter No. 585, dated 23rd ultimo, I have the honor to report as follows regarding the ontbreak of cholera following the cyclone and storm-waves of the 31st October and 1st November last.

- 2. Alarming reports of sickness were received from Dukhin Shabappore, Golachipa and Bowfal thanas on the 3rd November. Four temporarily entertained native doctors were immediately sent to these places with supplies of medicines and instructions to afford medical aid to the people. His Honor the Licutenant-Governor visited Dowlutkhan and Bowfal on the 10th November, and expressed himself satisfied with the medical arrangements. The storm-wave had affected the whole of the thanas of Dowlutkhan and Burranuddi and portions of those of Backergunge, Bowfal, and Golachipa. Consequent on the storm-wave, the sanitary condition of these parts was excessively bad. The country was dotted over with dead bodies of men and carcases of animals. Although the water of the storm-wave was fresh, the tanks were in all instances filled with débris, and in many polluted by dead bodies. Notwithstanding the exertions of the Magistrate, the Joint Magistrate of Patuakhali, and the District Superintendent of Police, the people were slow in taking steps even to clear their tanks and rebuild their houses. They could not be got to burn or bury the dead bodies. Valuable service was rendered in Dowlutkhan by Mr. Harris, the District Superintendent of Police. He remained on the spot about a month and caused all dead bodies in the vicinity to be buried or thrown into the khal, from whence they were floated out into the river. At Koralia, in Choto Basdia, the zemindars sent a staff of mehters who rendered similar services. At these places the tanks were also cleared. Good result followed, for little or no cholera or other sickness occurred at these places. At all other places the dead bodies were allowed to putrefy where they lay; swarms of flies were generated, and the stench was so bad as to be almost unbearable. The houses of the people were all destroyed, and they had to subsist on new and damaged rice. Although much disease might have been expected to be caused by these conditions, as a matter of fact little disease occurred till the midde o
- 3. The four native doctors treated a considerable number of cases of bowel complaints, fractures, wounds, and a few of cholera. Towards the end of November, there being no further occasion for their services, they were recalled. There was so little disease at this time that the services of two native doctors sent from Dacca could not be utilised.
- 4. On the 11th Docember six native doctors reported their arrival from Calcutta. They had been ordered by the Surgeon-General to come here for special duty in the cholera-affected tracts. Reports of the prevalence of cholera having been received from Dukhin Shabazpore, Perozepore, and Mirzagunge thanas, three of these native doctors were sent to those places.
- 5. Fresh reports continuing to be received, the remaining ones were shortly afterwards sent to Perozepore, Dowlutkhan, and Bowfal. On the 2nd of January the police native doctor of Burrisal was deputed to Burranuddi, and on the following day a native doctor entertained here was sent to Darial, in Backergunge. On the following days alarming accounts were received from Dukhin Shabazpore and Bowfal, the worst accounts coming from Gazipura in the north of the island, and from Dowlutkhan and Burranuddi in the south. The two native doctors sent to Perozepore than were at once withdrawn and sent to Dukhin Shabazpore early in January. There were nine native doctors posted or proceeding to their dostination as follows:—

Backergunge thana	Darial	•••		•••	1
Bowfal thana	(Bowfal ··· (Kalaia		•		1
	··· (Kalaia	•••		•••	ı
	f Tultoli Hoginnea	•••		•••	1.
Dowlutkhan	Taltoli Gazipura 	•••			2
	Mongulsikdar	hật		•••	1
	[Burranuddi	•••		•••	r

6. At this time (5th of January) very alarming accounts continued to be received of the number of seizures and deaths from chargers. Great alarm prevailed in storm-affected tracts.

Numbers of the trading classes, and such of the cultivators as could afford the expensewere reported to be leaving for places outside the area of the storm-wave. At Burranuddi and Tosheenuddi it was This was an exaggeration. E. J. Marrow. reported that there was not enough of people left to bury

the bodies of those dead from cholera.

7. The chowkeeder service was much disorganized. Many of the chowkeeders had been drowned by the cyclone, many had since died of cholera, and those who remained were very irregular in their attendance at the thans. Reliable information about many parts of the storm-affected tracts could not be had. After indenting for a young surgeon, an assistant surgeon, and five additional native doctors. I proceeded to visit Dukhin Shabazpore Island and Bowfal thana, in order to ascertain their condition and to determine what further help was necessary and where native doctors might be posted to the best advantage.

8. Leaving Burrisal on the 7th of January, I reached Gazipura, in the north of Dukhin Shabazpore, on the 9th. The native doctor had been at work here from the 23rd of Docember. He had treated 316 cases of cholorn in 11 villages. The sanitary condition of the villages was very bad. The tanks for drinking-water had only been cleaned; the others were still filled with débris as they were left by the storm-wave. The houses had not been re-erected on account of scarcity of labour and the excitement caused by the providers of cholors. Perwannes had been issued to reminders to disperse of cholors. not been re-erected on account of scarcity of labour and the excitement caused by the prevalence of cholers. Perwannas had been issued to zemindars to dispose of corpses and clear tanks, &c., but nothing had been done. Wherever corpses lay a had smell was apparent; least where the body had been exposed and had become dry, and most where they remained under rubbish. Swarms of flies infested the country and settled down on everything, especially on estables. Cholera had been severe and general from about the 20th of December to the 5th of January. After this date it rapidly declined, and dysentery, diarrhoa, and dyspepsia

began to prevail.

As cholera was declining, the native doctor was ordered to leave simple medicines, with directions for use, with the police, and to go round all the villages in the north of the island for the purpose of treating cases of disease, but more especially for the purposes of getting the people to clear their tanks, so as to prevent further deterioration of the drinking-water, to dispose of dead bodies, and to re-erect their houses. Bhola, the new head-quarters of the subdivision, was then visited. With the exception of a village called Bapta, near Bhola, there was not much cholera in this vicinity. Medical help had been given from Bhola. Dowlutkhan was reached on the 11th. The loss of life must have been terrible all along the east coast. All the

It was here the destruction of life by villages on the banks of the Megua were described. In the villages further inland, sometimes as few as five or six people were found. None I toward the statement of the banks of the Megua were described. In the villages further inland, sometimes as few as five or six people were found. lages further inland, sometimes as few as five or six people were found. Near Dowlutkhan I counted in one place 27 bodies, all in a state of decomposition. In this vicinity cholera began to appear in the beginning of Decomber, but did not become severe until the 20th. Subsequently to that date the number of deaths was alarming and caused great consternation amongst the people. The police reported 780 deaths in December. Two native doctors had been at work here—one from the 17th of December, and one from 7th of January. They had treated 822 cases in 69 villages. Some of the large villages, such as Nyamutpore, Betua, Bejoypore, Noldagu, Hazipore, Bukshemaji, &c., suffered most severely. The sanitary condition here was similar to that of Cazipura as mentioned above. Dowlutkhan almost escaped the disease. Cholera began to markedly decline from the 2nd of January. In consequence of this, one of the native

doctors was removed to Toshconuddi. At Toshconuddi great alarm prevailed. Cholcra was the storm-waves here caused an exceptionally great destruction of life.

L. Barros.

At Toshconuddi great alarm prevailed. Cholcra was very sovero in the large villages of Chandpore and Toshconuddi. After the cyclone many of the dead bodies had been thrown into the khals, but much débris still encumbered

the villages. Cholera prevailed in all villages in this outpost. At Ramprosad's hat and Dhali Gournagur, &c., in the south of Dukhin Shabazpore Island similar conditions prevailed. Here a native doctor was at work. The south end of Dukhin Shabazpore Island was then rounded, and the villages on the east coast visited as far as Taltoli, in Badura Island, on the east const of Dukhin Shabazpore. Although cholera prevailed, it was not severe.

9. The condition of Padura Island was found to be fair; there was little cholera, but much dysentery and diarrheea. A native dector was at work here. At Burranuddi there had only been two deaths from cholera in December; but from the 1st to the 15th January, in 16 out of 90 villages, 300 deaths occurred. Cholera declined here after the 15th.

10. At Bowfal, Kalaia, and Darial a sincilar state of matters prevailed. Cholera was rapidly declining. On arrival at Burrisal I found that Assistant Surgeon Kali Dass Mockerjee and live native dectors had arrived. The assistant surgeon was deputed to Dukhin Shaharaore for inspection duty. He was unfortunately drowned while preventing to

Shabazpere for inspection duty. He was unfortunately drowned while proceeding to Manpura Island by the upsetting of his boat in a storm on the 4th February. He was an intelligent and energetic efficer, and had been of great assistance while employed in the island. The native doctors were disposed of as follows:—

One to Manpura Island.

One to Gorindar hat for the tract of country between Mongulsikdar's hat and Tosheenuddi. One to Dhonia Monia for the tract of country between Burranuddi and Bhols.

The remaining two native doctors were sent to Gelachipa thana-one for the tract of country near Golachipa, and one for Busdia, Rangabali, and other islands and churs off the coast. On the 17th, before my arrival, a locally entertained native doctor had been sent to Golachipa for the northern portion of the thana.

11. On the 19th of January there were 15 native doctors at work, as follows:-Backergunge thans Darial Powfal **Bowfal** Mominpura 1 ... ••• Golachipa 1 ... Golachipa Busdin 7 1 Chiknikandi ... ••• Burranuddi ... ••• Burranuddi Badura ... Tosheenuddi ... Gorinda hàt ••• Burhamuddin Mongulsikdar's hat Vanpura Dowlutkhan ... Dowlutkhan Dhonia Monia (Caxipur 12. The sub-divisional native dector of Bhela was available for the truet of country around. At this time, although cholera was declining, howel-complaints were very prevalent, and it was not anticipated that the wave-stricken tracts would return to their normal state of health till after the beginning of the rains. With a view to the tracts being mapped out into circles, each in charge of a native doctor, 15 additional native doctors were asked for. Pending their arrival 1 proceeded to visit Golachipa thana. The sanitary condition of this was similar to that of Dukhin Shabazpore, but cholera had not been so prevalent or so fatal. Bowel-complaints also were less prevalent. 13. Six native dectors arrived from Calcutta on the 30th of January; they were disposed of as follows:

One to Alipore hat One to Selimahad One to Boro Basdia One to Bonlia One to Betagee hât One to Shastabad

14. The disposition of the 21 native doctors stood as follows:-

Backergunge	thana		Darial	•••	j
Bowfal			(Bowfal		l
DOMIST	"	•••	··· { Mominpura	•••	1
			(Choto Basdia		1
			Boro "		1
			Boulin		1
(łotachipa	,,		⋠ Alipore hût	•••	1
-			Betagee hat		1
			Nalkhola		1
			(hikuikandi		1
			(Burranuddi		1
			Badura Island		1
			1	l.h-	_
			drawn to Men		
Burranuddi			{ gunge.	•	
2714214414444	,,	•	Toshoenuddi		1
			Manpura Island	••	ì
			Goriuda hât	•••	ī
_			Mongulsikdar's hût	•••	;
•			(Dowlutkhan	•	•
Dowlutkhan		•••	Dhonin Monin	•	
n 1 -1			(Duonin Monin	•••	ï
Burrisal		•••	Shastabad	•••	ï
			(Selimabad	•••	1
Mendigunge		•••	{ Daudpore	••	1
			(Uttur Shabazpore		1

15. Eight native doctors arrived on the 13th February; they were disposed as follows :-

One to Dowlutkhan to relieve locally entertained native doctor.

One to Nalkhola One to Darial ditto. ditto to

ditto. to ditto

One to Mendigunge thana.
One to Police Hospital, Burrisal.

One to Showluk in Gournuddi.

One for duty in the Civil Surgeon's office.

Deducting three locally entertained native doctors whose services were dispensed with, this left 26 native doctors on cholera duty in the district.

Mendigunge than was visited in pruary and thoroughly gone over. There was little exact in the south, around Sc cholera, except in the south, around Se

On account of the improved state of health, and the improved sanitary state of the wavestricken tracts, 10 of these native doctors have now been sent back to Calcutta, leaving 16 still

employed

16. Cholera prevailed over the entire wave-stricken tracts from about the 15th of December to the 15th of January. After that date it gradually declined, bowel-complaints taking its place. These are not fatal diseases. Occasional cases of cholera only occur now, except at Selimabad in Mendigunge, Toshconuddi, Guruprosad hât, and Manpura Island in

17. The real cause of the epidemic appears to have been deterioration of the drinking-water by the dead bodies and vegetable debris, aggravated by the privations consequent on

the cyclone and the bad smells.

18. The total number of deaths in Dukhin Shabazpere sub-division since 1st of November is estimated to amount to four per cent. on the original number of inhabitants, or about 8,000 deaths; in Golachipa to Only a small part of thansa Backer-gunge and Mendigunge was struck by the storm-waves. two per cent., or 1,000 deaths; in portion of Bowfal affected to two per cent., or 1,000 deaths; in the portion of Backergunge 300 deaths; and Mendigunge 1,550 deaths; in all 12,750 deaths.

19. Suggestions were made as occasion required for having dead bodies burnt in site, The Sanitary Commissioner's memorandum was freely circulated among the people. In this instructions were given regarding filtering water, cleaning and improving tanks, &c. The native dectors were enjoined to explain its provisions to the people wherever they went. The sanitary condition of the tracts is now reported to be much improved. The soft parts of the dead bodies are now completely decomposed, and they are harmless. A few native doctors may be required to remain at their posts till the rains set in: ten or twelve may be enough for this purpose. When cholera ceases in the portions of Mendigunge and Burranuddi thanas, where it now still prevails, the number of the native doctors may be reduced to 10 or 12.

20. Surgeon Tomes, who was deputed to conduct the duties of the station during my absence, gave much assistance in compiling the weekly return of the native doctors and in forwarding them to proper authorities. The native doctors, with one exception, acquitted themselves fairly well. It is believed that in many instances they exterted fees from the people, but of this no sufficient proof is available to prove the charge against any native doctor in particular.

Rainfall, Weather, and State and Prospects of the Crops.

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Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Benyal, as reported to Government during the week ending the 31st March 1877.

	No. District, and date of seturn.			nte or	Rainfall at Sudde Station is inches.	r Character of the weather, state and prospects of the crops, and state of health at date.
1416	NGA				1	
		<i>B'estern</i> Burdwan,		icts. pl. 2**	1 '01 '47 at China. 1'25 at Cut wa. 1'25 at Cut wa. 1'80 at Road- Road- Road- Road- Road- A Range. '49 at Jehana- had.	
RUBDWAN DITS	2	Bankoora,	Mar.	31 ,	, 61	Weather—Cloudy. State and prospects of the crops are good. The rain has been beneficial to the indigo and cotton crops.
BURD	3	Beerbhoom,	,.	31 .	. 35	Weather-Cloudy and cool, with slight rain. State and prospects of the crops continue excellent.
	4	Midnapore,	-9	31 .	. 1.24	Weather-Rainy and cool. State and prospects of the crops are good.
	6	Hooghly,	••	31 .	. 1.43	Weather—Cloudy at intervals. Bain on the night of the 24th, 25th, 26th, and 29th March. The rice lands are still being ploughed. The harvesting of wheat and barley is almost over. Choice is slightly on the decrease.
	į	liowrab,		31 ,	. 17	Weather—Cloudy. State and prospects of the crops are good.
Ĕ.	6	<i>Central</i> 24-Perguunn	<i>l Distr</i> che, Api	irls. 1, 2,† 7	17	Weather—Cool and cloudy. Light showers have fallen during the week. The preparation of land for spring sowings is going on briskly Public health is generally good, but a few cases of cholera have been reported from Busscerhat and Diamond Harbour.
PREFIDENCY DIVE.	7	Nuddes,	Mar.	31 7	7 1 05	Weather—Moderately hot, with occasional slight storm and rain. The cold weather crops have been harvested. The ground is being thoroughly prepared for the rice sowings,
PREFT	8	Јевноге,		31 "	-82	Weather Hot and bright in the early part of the week; cloudy, with some thunder and showers in the latter part. The rain has done good, and the sowing will now commence. More rain is wanted.
į	و ا	Moorshedaba	d. Apl.	1 "	-14	Weather—Cloudy, with intervals of sunshine. The prospects of the rubber crops are fair, and an average outturn is expected. Boro dhow or spring rice is promising. Sowings for the autumn rice are still going on. Prices generally are stationary. Health is good; but cholera is reported in a few villages.
1	10	Dinagepore,	Mur.	30 "	Nii	Weather—Sensonable. The rubbee crops are being burvested. Rice is being sold from 24 to 32 wers per rupee.
Вазвилите амь Стоси Веная Витя,	11	Raj-habye.	•	31	Nil	Slight rain is reported to have fallen in the jurisdiction of Posthea, Charghat, and Bilmareah on the morning of the 28th March. The rabber crops are still being reaped, and the sowings of rice and jute are going on. The seedlings of spring rice and sessamum are thriving. A few cases of cholera are reported to have occurred at the fair held at Manda and in the adjoining villages. A few cases also occurred in the Nattore sub-division.
CHOCH B	12	Rungjare,	•	3 0 "	Nil	Weather—Warm, with westerly wind. Nothing new to report. The state and prospects of the crops continuo satisfactory. Public health on the whole is good, but small-pox has broken out in the Gaibanda sub-division.
ANYR AND	13 14	Bogru Pub-u,	Mur.	31 "	32	Iteturn not received. Weather—Hot, with occasional strong winds. State and prospects of the crops are good. The harvesting of wheat, barley, mosino (lineard), and thesari is nearly completed. These crops have been a little damaged by the rain. ("hous is not ready as yet. No case of cholora reported during the week.
EA2EA	15	Darjecting,	**	30 ,.	Nil	Weather—Warm. High winds during the Week. No crops of importance are on the ground. Indian corn and potato are being sown.
-	16	Julpigoree,	**	81 "	Few drops.	Weather—Strong westerly winds during day; nights cool. Tobacco is being cut. Ploughing for early rice is still going on.
· ·	-	Cooch Belur,	•	20 ,.	Nil 1 at Dinhatta.	Weather—Pair. Not so hot as last week. No present appearance of rain. West winds blowing. Cool in the morning and hot in the middle of the day. State and prospects of the grops are generally good. Towards south and west tobacco has been injured considerably by a hail-storm on the 15th March. The sowings of bilri dion are progressing rapidly. Small-pox has broken out in some parts of Mathabhanga, and preventive measures are being taken.

[•] Telegram of the 2nd April shows rainfall during the coven days immediately preceding.

† Report of the 2nd April shows rainfall during the seven days namediately preceding.

N	io.	District, s ret	ud dat aru.	k of		Rainfall at >udder Station in inchos.	Character of the wenther, state and prospects of the crops, and state of health at date.					
EN		ı.—(Cunti suod	!.)				,					
		Rustern Dist	ricls.									
ſ	17	Dacca,	Apl.	. 20	77	-6	WeatherCool, with storms. State and prospects of the crops are very favorable					
	18	Furcedpore,	Mar.	31	.,	-66 -23 at Goalund -87 at Madari- pore.	There were several storms, though none of any great violence, during the week There was also an unusual fall-of rain. The temperature is cool. Prospects o the crops are satisfactory. General health is good.					
LAKES DINS.	19	Backergnuge,		ớ		-43	The weather is seasonable and cool for the time of year. The prospects of the crops are reported to be good. There is a good deal of sickness all over the district. Cholera in a sporadic form is reported to be present in thana Nalchitti, Jhalokati, Backergunge, Mendigunge, Gournadi, Mirzagunge Gulshakhali, and Motbaria. There is a good deal of fever also in thana Nalchitti, Jhalokati, Backergunge, Boramaddin, Mirzagunge, Gulshakhali and Motbaria. The health of the cattle is everywhere good.					
	20	Mymensingh,	, ,,	30	,,	-07	Weather—Cloudy sometimes in the morning. Slight rain on the 27th March State and prospects of the crops are favorable.					
ţ	21	Tipperah,	••	30	••	1.64	A good deal too much rain for the time of year. The spring rice has been somewhat minered by hail. Most of the lower lands are getting so water logged that if there he not some drier weather soon the ryots will not buble to plough for the autuum rice in such lands.					
	23	Chittagong,	,,	20	"	-6-1	The weather was clear during the first part of the week; it was cloudy an windy, with thunder-storms, during the latter part. The cold-weather crop are in good condition. Pasia cons rice is thriving. Cholera has almost disappeared, but small-pox is still provalent at head-quarters.					
CHILIANOPE DATE:	23	Nonkholly,	39	2()	"	1.20	Weather—Changeable and uncertain during the week. Heavy storm accompanied with rain passed over the station on the night of the Zith, and at not of the 28th March. Pulses, chillies, &c., are pagressing favorably. Ploughis for the early rice is everywhere going on well.					
	24	Chittagong I Tracts,	Till "	27	••	. Nil	Weather—Pleasant mornings. Hot at noon. The journ cutting is near finished. In some parts of the district the hill people have begun to but their jooms.					
j Isa	L Har	Hill Tipperal	h, "	28	,,	5:31	Weather—Rainy and stormy for the greater part of the week. State and properts of the grops continue good.					
	25	l'atna,	Apl.	30	'77	-08	Weather—Rather cool after the hail-storm on Saturday night. The harvesting of the rabber crops is nearly completed. Stray cases of cholera and small-pure reported.					
١	36	(łya,	Mar.	31	20	Na	Weather-Cloudy and hot. All prosperts are good.					
	27	Shahalad,	••	31	••	Slight rainfall.	Weather—Cloudy and rainy. The rubbee crops are being cut and thrushed, that fair weather is necessary.					
	28	Durbhunga,	Apl	. 3	**	Rainfall not men- tioned.	The weather during the week was cloudy, and on Saturday night there was thunder-storm and rain. The rubber crops are being harvested, and a goo outturn is anticipated. Public health is good.					
LATRA INVE	29	Mozufferpere	:, Mur	. 81	,,	Nil	Weather—Cloudy. The rabber crops are being harvested everywhere with go outturn. A few cases of small-pox reported from Soorsund and thana Shewla General health is good.					
	30	Sarun,	99	81	79	Kil	Weather—The mornings have been generally cloudy and the days hot and briging the west wind has been blowing strongly, but at the time of report (3 March) it has been shifting, and a storm seems probable. The rable harvest is still going on. The opium crop has been gathered, and the weigment will commence on the 3rd April The indigo sowings are completed by the property of the new grain coming into the markets. Generally, is good.					
	l aı	Chumparun,	••	81	••	Nil	Wenther—Still cool at night; strong west winds during day time in the ear part of the week. Cloudy, with indications of a storm from the north-west the 31st March. The prospects of the crops continue good. The sowings indigo are progressing.					
į. `) 8 <u>2</u>	Monghyt.	,,	81	.,	Nil	Weather-Fair. The rubbes harvest, as expected, is a very good one.					
BRASCIPORE DIVE.	39	Bhagulpore.	. lqA	2	 •	15	Weather—Wind chiefly conterly; north-western on Saturday, with rain. Tember harvest is nearly over with good outturn. General health is good, he small-pax is reported here and there.					
34GE12	31	Purnanh,	Mar.	31		Nil	Weather-High west wind nearly all the week. State and prospects of t crops are favorable. Wheat is as good as was expected. It is being respect					

Felegrams of the 2nd April show rainfall during the seven days immediately preceding.

The second secon Districts of Bengal for the Fortnight ending 81st March 1877 .- (Continued.) The state of the s THE SEER OF SO TOLAHS. LRESER MILLETS— RAGI OR MURWA, AND CHERNA. GREAT MILLET-CHOLTH, JOWAR. MAISS OF INDIAS-GRAM. FIREWOOD Next preceding return retarn Next proceding return. Next prete ling act ma. Nest proceeding tolulu. 1 DISTRICTS. Corresponding to of last year. preceding r Present return. Corresponding of last year. Cureron ing : Present return. Present tetun. Carspinding Kastern Districts .-- (Contd.) 8 Ch 8 Ch 8 Ch 8 Ch 8 Ch 8 Ch 8, Ch Chittagong. Noakholly. Tipperafi. Chittagong Hill Tracts.* 12 6 14 0 11 6 8 o Hill T.pperah. BEHAR. Patna.* Gya.* 180 0 18+ 0 100 0 8 8 D 30 0 30 0 30 0 32 0 21 0 1 ... Mezufferpore.* 0 23 0 17 0 35 0 160 0 160 0 160 0 8 0 8 0 8 8 Sarau. Chumparan. Vonghyr. ... 16 0 16 0 23 0 180 0 100 0 7 8 8 0 7 12 Purneals. 15 0 15 0 10 0 25 0 15 0 21 0 130 0 130 0 100 0 8 4 8 4 8 0 Maldah. ... 24 0 13 0 23 0 200 0 201 0 320 0 8 0 8 0 8 0 Southal Perghs ORISSA. ; Cuttack Poores, Balasore, 4 CHOTA NACPORK. 33 0 33 0 38 0 30 0 30 0 30 0 10 0 18 4 24 0 240 0 240 0 240 0 8 0 ... 22 0 23 0 18 0 3200 3200 3200 6 8 6 0 Singbloom.

Published for general information.

H. J. S. Cotton, Jr. Secy. to the Govt. of Bengal.

In the interior the prices range as follow:—Wheat 13 to 25 seers, best rice 20 to 28 seers, common rice t 60 seers, mater 25 to 10 seers, and gram 18 seers.
 In the interior the prices range as follow:—Wheat 10 to 10 seers, barley 30 seers, best rice 12 seers, comm 40 seers, mater 27 to 32-5 seers, and gram 20 to 25 seers.

EI DITTEIOR		ricts.	ı	: Sta	TIONS.		from 11th 7th March	in from 18th 24th March 77.		NUARY 1877.	Remares.	
Ris				: ! !			Rain from to 17th 1877.	Itain to 24 1877.	Inches.	I'p to date.		
	SA.						Inches.	Inches.	į	1877.		
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40	intLick Tribi	utary i	Mehals	Sambulpore	•••		0-03	ditto	570	ditto		
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1,	Lohardugga		:	Ranchee		1	0.70	ditto	7.51 -	ditto		
- ; ^		•	··· · i	Palamow	***	:	1:35	ditto	2.70	ditto		
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į,	Manliboom		5	l'uruliah	•••		0:41	007	4-94	ditto		
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į				Akyab	•••	'	Nil	Nil ·		2Hh March		
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F	L# ATPOPLAS			Jaipur	•••	••• :	ditto ditto	ditto !	Ni) (rz5	ditto		
1 "		-	Ji	Sambhar			0:10 0:2 3	ditto	0.83	ditto		

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CALCUTTA, The 31st March 1877. A. Pedler, Govl. of Benyal.

Meteorological Telegraphic Report for the period 25th to 31st March 1877.

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STATIOUS.	Date	Hour.	reduced	Induced to me-		· ·	Humd".y Sec. = 100.		 j •	Rain.	Clouds.	Weather instinte
Ě				ievai.	Dry	Wet.	± 7	Direction.	\ elecity.			
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• Velocity of wind in miles per hour.

CALCUTTA.
The Slet March 1877.

A. PEDLER,
Offg. Meteorological Reporter to the
Government of Bengal,

Abstract of Observations as received in the Meteorological Office, Calcutta, during the month of January 1877.

N.B.—The Baremetric data are reduced for temperatures and not for height about seatered.

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CALCUTTA, 29/k March 1877.

Mean Pressures and Temperatures of the preceding Tuble reduced to sea-level, with Anemometric Results and Cloud Observations.

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STATIONS.	Men barometric rure reduced to level.	Mean temperature duced to sea-level	North.	North-east,	Eest.	South-east.	Sunth.	Nouth-we-	West,	North-west,	Veriable.	Calin,	Percentage and Resultant,	Mean velocity daily.	Kran G. ad.		
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NOTK.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 17. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table,—" Prof. papers on Indian Engineering No. CXIII." The temperatures at the ses-level are taken from column 3 of the above table.

7emperature. — The temperatures in column 3 are reduced from those in column 17 on the preceding page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Clouds.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0, and one completely overcast by 10.

The above being all comparable, afford the data for constructing a meteorological chart for the month, which shall show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

CALCUTTA,

ALEXANDER PEDLER,

The 29th March 1877.

Offig. Meteurological Reporter to the Goot, of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 22nd to 31st March 1877.

<u></u>		į	Ter	ERMON	STER.			1 2	idity.	, W	IFD.				
Month.	Pate.	Mean reduced barametes	Highest reading.	Lowest reading.	Max. solar radi.	Menn dry bulb.	Meen wet bulb.	Computed men	Mean degree of lumidity.	Prevailing direc- tion.	Max. pressure.	Paily relocity.	Nain.	Moon's phases.	, Стиница Вондино.
		inches.	ο.	0	0	0	0	0				Miles.	In.	Ī	•
21 at.	29 md	2 9-778	98-9	76-0	146-3	88-4	77-4	73-2	0.43	S by W &	0.3	35 0-8		>	Clear, cirri and camuli.
	37ml	-838	93-8	77.0	143-0	83-8	77-6	7 8 ·3	0-79	88 W &		344-3			Clear, cirri and cirros- trati.
	94th	-883	9219	77:0	144.8	83-1	76-6	73-0	0°7 0	SBW& SW	9-5	186-6	•••		Clear, cirri and overcast. Thunder at 9 P.M. Lightning at 8 and 9 P.M. Drizsled at 10 and 11 P.M.
	25th	*873	88-0	76-4	147-6	80-5	75.0	71-1	0-74	\$ W & W &	UZ	164-9	•••		Stratoni and cirrocu- muli. Drizzled at mid- might and 3‡ P.m.
	26th	·878	8.00	74.5	143.0	81.3	72-9	67-0	0.63	8 by W		150-3			Cirrocumuli and cirri.
	27th	-866	90-0	76.4	147 0	8179	77-1	73.7	0.77	8 by W &		97-7	•••		Cirri and cumuli.
1	28th	-887	80-5	76-8	197.0	78-3	78-9	70-8	0.79	SSW		85.4			Cirrocumuli and over- cast. Drizzled at 8, 10 A.E., 12 and 1 P.M.
	29th	-813	03-3	70-3	143 9	83 1	73-3	68-4	0-58	88 W & W		111-3	•••	0	Cirrocumuli and cirros- trati. Sheet-lightning on S W. at 71 P.m.
	30th	-893	86-5		1480	78-3	71.0	67.4	0-70	8 & 8 3 W	6.8	144-3	012		Overcast and cumuloni. Thunder at 1 and 2 A.W. Lightning from 1 to 3 A.M. and at 9 and 10 P.M. Slight rain from 1 to 3 A.M.
	31st	-917	81-2	74-0	128-0	76-3	70-5	66-4	0.78	88W &	6-9	169 9	0.01		Overcast and cumuloui. Thunder at 9 r.u. Lightning from 8 to 11 r.u. Light rain at 8, 9\(\) A.M., and 1\(\) P.M.

The mean barometer, as likewise the dry and wet bulb thermometer, means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants. The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity. The receiver of the lower rain-gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground. The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past ten days. The maximum temperature during the past ten days.	•••	↔ 22·9 93·8
The maximum temperature during the corresponding period of the past year		95·5
The mean humidity during the past ten days	•••	0.71
The mean humidity during the corresponding period of the past year	•••	Ó-68
•		Inches.
The total fall of rain from 22nd to 81at by lower rain-gauge by anemometer gauge	•••	0.18
by anemometer gauge	•••	0.06
Ditto ditto ditto, average of twenty-three previous years		0.36
Ditto ditto between the 1st January and the 31st March	•••	6.04
Ditto ditto ditto, average of twenty-three previous years .	•••	8.03

The 2nd April 1877.

GOPMENAUTH SEE, In charge of the Observatory.

turned out to be false, would the reward which had been given be taken back? He would move the omission of the words "either before or."

The Hon'ble Mr. Reynolds observed that he could not accept the amendment. It had been strongly represented by the Board of Revenue that it was essential to the proper working of the law that the Board should have a discretion to grant rewards to informers before the adjudication of a case. He would therefore ask the hon'ble member not to press the amendment.

HIS HONOR THE PRESIDENT said that it was quite possible that it might in some cases be necessary to give rewards before a formal adjudication had been completed; for instance a case of this sort might occur: A traveller on the Grand Trunk Road, possibly proceeding on a pilgrimage which rendered delay impossible, might observe a large quantity of opium in the possession of other travellers, and he might give information to the nearest Magistrate which might lead to the seizure of the opium. In a case of that sort His Honor thought it undesirable that there should be anything in the law which would make the informer suffer detention or loss of time before he could obtain the reward; the reward should be given at once and the informer allowed to depart.

The motion was, by leave, withdrawn.

On the motion of the Hon'ble Mr. Reynolds, amendments were made in the second clause of the first schedule, which were rendered necessary by the amendment made in section 102.

The Hon'ble Mr. Reynolds then moved that the Bill as amended be passed. He said that, according to the rules for the conduct of business, a Bill could not be passed at the same sitting at which any material amendment had been made. If hon'ble members considered that any of the amendments which had been made were material, he did not wish to pross the motion. But he thought they would agree with him that the amendments which had been passed were simply verbal, and of an immaterial nature, and not such as would interfere with the Bill being passed at once.

HIS HONOR THE PRESIDENT said he thought the amendments which had been carried were of a very formal character, so much so, that he considered many of them ought to have been thought of by the Select Committee and provided for by them instead of being considered in Council. It appeared to him that there was a great tendency in this Council to leave work to be done in Council instead of its being considered and disposed of in Select Committee.

The motion was then agreed to and the Bill passed.

COURT OF WARDS.

THE HON'BLE MR. SCHALCH moved that the report of the Select Committee on the Bill to amend the Court of Wards Act, 1870, be taken into consideration in order to the settlement of the clauses of the Bill, and that the clauses of the Bill be considered for settlement in the form recommended by the Select Committee.

The motion was agreed to.

The Hon'ble Nawab Merr Mahomed All withdrew the motion of which notice had been given; that the words "and such order shall be final and conclusive for all the purposes of this Act" in line 16 of section 26 be omitted.

On the motion of the Hon'ble Baboo Issee Chundre Mitter the word "appoint" was substituted for "nominate" in line 6 of section 45.

The Hon'ble Baboo Issee Chunder Mittee moved the insertion of the words "and every officer employed as hereinafter provided" after the words "under this Act" in line 7 of section 46. He said that sometimes tehsildars and other collecting agents made away with the accounts, and it was very difficult to bring them to justice. It often happened that, before a settlement of liabilities was made, the year within which a suit could be brought expired, and the estate became a positive loser. His object in moving this amendment was that tehsildars and other agents should be held to be public accountants under Act XII of 1850, in the same way as managers and sub-managers as were now held to be. In that case the Collector would have authority to realize funds in their hands under the certificate procedure of Bengal Act VII of 1868. Another object of the amendment was that the period within which the realization could be

CHEST STATE OF BUILDING

A STATE OF CHARGE ASSESSMENT

effected might be extended. At present much money was lost merely because the liability of these collecting agents was limited virtually to one year.

The motion was agreed to.

The Hon'ble Baboo Issee Chueder Mitter postponed the amendment in section 50 which stood in his name until after the consideration of the amendments in section 53 which stood in the name of the Hon'ble Baboo Kristodas Pal.

The Hon'ble Baboo Kristodas Pal moved the substitution of the word "five" for "ten" in line 16 of section 50. He said the history of this proposal was this. When the original Bill was referred to the Select Committee, it was considered that some limitation ought to be put on the power of the Court of Wards to expend money on improvements. Facts came to the notice of some members of the Committee that money had in some instances been wasted in the name of improvement. It was therefore deemed desirable to limit the power of the Court of Wards to expend money on improvements, and the limit the Committee proposed was five per cent. on the net profits of the estate. When the Bill was recommitted, the question was again discussed, and the majority were of opinion that the percentage should be increased to ten per cent., and that greater latitude should be given to the Court of Wards in expending money for improvements. To the second part of the new provision he did not object. As the Bill originally stood, the power of the Court was greatly circumscribed. The wording of the original section was as follows:—

"Provided that the amount so expended shall not exceed five per centum of the said surplus, unless in the opinion of the Court, subject to the express sanction of the Board and the Lieutenant-Governor, it is absolutely accessary, for the protection of the estate, to expend an amount exceeding such percentage."

So that unless the Board and the Lieutenant-Governor were satisfied that it was absolutely necessary for the protection of the estate, for instance in the case of a famine, flood, or some such extraordinary calamity, when it might be deemed necessary to expend more than five per cent. for the protection of the estate, the Court was not authorized to exceed the five per cent. limit. But as the section now stood, it greatly extended the powers of the Court. It provided—

"Provided that the amount so expended shall not exceed ten per centum of the said surplus, unless in the opinion of the Court, subject to the express sanction of the Board and the Lieutenant-Governor, it is desirable, for the protestion and in the interest of the estate, to expend an amount exceeding such percentage."

By comparing the words of the two sections, it would be seen that the discretion of the Court of Wards had been materially and widely extended. Such being the case, he did not see that there was any good reason for raising the limit from five to ten per cent. in ordinary cases. In extraordinary cases, in which the Board and the Lieutenant-Governor might think it desirable to spend the surplus on schemes of substantial improvement, it would be in the power of the Court of Wards to obtain the necessary sanction; but ordinarily he thought that an expenditure of five per cent. of the profits should be sufficient for ordinary improvement. As the phrase now went, there was an "oscillation" of opinion in Select Committee on the subject, and he being in the majority, had felt it his duty to move this amendment in Council. He had heard nothing which satisfied him that the limit of five per cent. would not be sufficient for ordinary purposes. He found that the Government had fixed a limit of three per cent. only for the improvement of Government. ment estates, or estates which were under the khas management of Government. Now, if a three per cent. improvement fund was deemed by the Government to be sufficient for ordinary improvements in Government estates, surely five per cent. ought not to be considered insufficient for purposes of ordinary improvements in private estates which came under the management of the Court of Wards. It was worthy of note that the three per cent. fund in Government estates was applicable in this wise—half of the three per cent. was applicable to the improvement of roads, one-third to primary education, and one-sixth to miscellaneous local improvements. Every ward's estate paid the road cess, and so far as the road cess was regarded as an outlay for the benefit of the estate, that object was met by the payment of the road cess. As regards contributions to schools, it was not intended that such contributions should be made from the ten per cent. fund proposed in the Bill. It was proposed solely for material

Section of the second

improvements. For the support of schools, contributions might be made from the general funds of the estate. It might be urged that in the cases of Government and private estates there was one point of material difference, which was that the Government gave three per cent. on the gross receipts of Government estates, whereas it was proposed in the Bill to allow ten per cent. on the net receipts, which certainly was a point of difference. But he submitted that the difference was rather visionary than real; for the revenue the Government received in khas estates constituted the whole of the assets minus charges of collection, whereas the assets of the ward's estate consisted in the residue left after payment of the Government revenue or rent to the superior landlord minus the cost of collection. So, practically, the assessment for the improvement fund was made upon the net receipts of estates of both classes.

Further, it was observable that large works of improvement, such as embankments or extensive drainage works, might be constructed without recourse to the ten per cent. fund. He found that under section 4, clause 1, "the Collector may cause any embankment which connects public embankments, or forms by junction with them part of a line of embankments, or any embankment or water-course which is necessary for the protection or drainage of the neighbouring country, to be taken charge of and maintained by officers of Government," so that new as well as old works might be maintained at the expense of private estates when the works were not legitimately chargeable to Government. That being the case, if it was necessary to construct some gigantic work for the protection of the estate, it would fall under the provisions of the Embankment Act, and the estate would be liable to bear the cost. There might, however, be small works, for the drainage or protection of the estate from floods, which were not contemplated by the Embankment Act, and for which it might be desirable to spend money from the Wards' Estates Fund. For such works it was certainly necessary to provide funds, and he thought that ordinarily five per cent. of the surplus ought to be sufficient: in extraordinary cases, as he had observed, the Bill gave ample discretion to the Government to

expend money exceeding that limit.

The laxity of the system which obtained at present in regard to the expenditure of money on improvements in wards' estates was, he thought, best illustrated in the case of the Durbhungs estate. He was reading some papers a Minute recorded by Sir George Campbell in 1871 that in that year the estate had a balance of Rs. 43,00,000. Sir George remarked that, after providing for all expenditure and for all legitimate works of improvement, the estate might be expected to save about Rs. 10,00,000 a year, and that at the end of the minority of the Raja there would be a probable balance of a million of money. But how did the facts stand now? We were now in the beginning of 1877. He found in the last number of the Calestis Gasetis that, so far from a million of money accruing by this time, the balance, which stood in 1871 at Rs. 43,00,000, had dwindled down to Rs. 18,00,000. Now what were the annually amounted to Rs. 21,20,000; that the current demand of the estate annually amounted to Rs. 21,20,000; that the expenses of management came to Rs. 2,74,000, and the disbursements on all accounts last year amounted to Rs. 24,98,000, though the collections did not exceed Rs. 16,38,000. He was well aware that the famine of 1873-74 made a deep hole in the balance sheet of this estate; that it entailed a large expenditure of money upon works of utility for the maintenance of the ryots; that it led to large remissions of rent, and also to charitable relief on a large expenditure of money upon works of utility for the maintenance of the charge devolving upon the Court of Wards. When Sir George Campbell remarked that ordinarily, after making every provision for the maintenance of the charge devolving upon the Court of Wards. When Sir George Campbell remarked that ordinarily, after making every provision for the maintenance of the cestate and necessary improvements, there would be left a balance of Rs. 10,00,000 annually for expenses of management and improvements. The expenses of management last year amounted to Rs. 2,74,000, and for

had disappeared and no new balance had accrued; the whole balance, after the management by the Court of Wards for so many years of the princely resources of the estate, amounted to its. 18,00,000. In the resolution from which Banco Kmerodas Pal had quoted the above figures, His Honor the Lieutenant-Governor had been pleased to remark as follows:—

"In the Durbhungs estate remissions of rent have been unavoidable, but the expenditure in the estate was larger than seems to have been warranted, especially upon public works; and the expenses of management beer a very high proportion to the amount of the current demand of rent due to the estate. Upon the whole, the Lieutenant-Governor, in reviewing the administration of these large estates during the year, while he fully admits the real and trouble that have been devoted by the Revenue authorities to improving the estates and benefiting the condition of the tenantry, cannot resist the impression that the facts disclosed in the Board's report evince the necessity of a much more careful control over expenditure, and, in some cases, of greater vigilance in the realization of old arrears of rent."

Baroo Kristopas Pal fully subscribed to that opinion, and he thought that sufficient reasons existed why this Council should limit the powers of the

Court of Wards for the expenditure of money on improvements.

He was indebted to the courtesy of the hon'ble mover of the Bill for a copy of the report of the Board of Revenue on the management of wards' and attached estates in 1874-75, in which a history of all the estates under the management of the Court of Wards had been given in full detail. He found from this report that the normal condition of the estates was indebtedness; but, thanks to the management of the Court of Wards and the supervision of the Board of Revenue, the debts had been in most cases liquidated, and that, when an estate had been restored to its owner at the end of his minority, it had generally been restored in a prosperous condition. All this he gratefully acknowledged, and he thought the landed preprietary in Bengal were indebted to the Government for the protection and benefit which they derived under the management of the Court of Wards generally. But the principles upon which the management of estates had hitherto been carried on had lately been departed from, and considerable abuse had consequently ensued, and that was the reason which induced him to ask the Council to put some limit on the power of the Court of Wards to spend money on improvements. About four years ago, he believed, a distinguished predecessor of His Honor the President had actually recommended that model farms should be established and maintained at the expense of wards' estates, and he believed some farms were established under his orders, which ultimately proved to be huge failures. Now, when these farms were established, they were doubtless established under the impression that they would prove beneficial to the estate, inasmuch as the tenantry of the estate would learn improved systems of cultivation and improved methods of rearing cattle. But the experiment failed, and the loss had to be borne by the ward's estate. Now it was unlikely that, with the best of motives, works of so-called improvement might be undertaken, which after all might prove in the end to be wild speculations. How many works had not been launched by the State at different times with the best prospects of success, but which ultimately proved to be serious burdens, and for the continuance of which the Government had been driven to the necessity of raising fresh taxation? What was true of the State was equally true of the ward's estate, and the result of experimental improvements with other people's money would be a heavy loss to the innocent proprietor, who would not have even for his consolation the pleasure of spending his own mency for the gratification of his own wishes.

All things considered, Baboo Kristonas Par thought the Council could not be too cautious in authorizing the Court of Wards to spend money on improvements. Improvements should certainly be made where they were absolutely necessary, but within proper and reasonable bounds; and if the Government was satisfied with a three per cent. improvement fund in their own estates, he did not see why five per cent. should not be sufficient for wards' estates.

In all extraordinary cases, as he had already remarked, the Government and the Court of Wards would have ample discretion for the construction of

well-assured projects of improvement.

It would be seen from the resolution of the Government of Bengal that, after paying the Government revenue, and also the rent payable to the superior landlord, the receipts of the estate did not amount to more than Rs. 18,000 per

annum. The cost of management last year came to about Rs. 2,781; the sum of Rs. 500 was allowed for the education of the ward's adopted son, and Rs. 1,000 for the maintenance of her mother-in-law, leaving a surplus of Rs. 13,719. Out of this sum, the widow, who had a life interest in the estate, was given an allowance of Rs. 2,129 per annum, or Rs. 177 per mensem

was given an allowance of Rs. 2,129 per annum, or Rs. 177 per mensem.

But this was not all. It would be seen that while the widow had been deprived of her life interest, and had been made to be content with an allowance of Rs. 177 only, there was a balance of not more than Rs. 4,700 in favour of the estate in hand. After three years' management the surplus amounted to Rs. 11,500 per annum, and the whole of that sum had been spent doubtless for the benefit of the estate, though the accounts given in the resolution were not quite clear, but certainly to the deprivation of the just right of the legal heir. But let that pass. What appeared to be most amazing was that, while the widow had a life interest in the estate, and there were large balances available, her applications for extra religious expenses and doctor's fees were not allowed. She was told that the "expense must be met from the fixed budget allowance." He submitted that in matters of this kind the Court of Wards should not be allowed any discretion. Law and justice required that what belonged to the widow in right, ought to be made over to her in fact.

Lastly, it was urged in Select Committee that it was not the function of the Legislature to legislate for a matter of that kind; that it was not quite germaine to the Bill. Now, if it was the object of this Bill to lay down instructions and directions for the guidance and control of the Court of Wards, surely it would not be foreign to its purpose to declare that the Court should give effect to the wishes of a testator when an estate so bequeathed would come under its management. Indeed, if it was considered necessary and reasonable that instructions should be given to the Court as to how to apply the funds of the estate, how to meet liabilities, how to expend the surplus, and so forth, it was quite within the scope of legislation that instructions should likewise be given to it to make over to the widow of the testator the profits of the estate which, under the will of her husband, she had a right to receive. He therefore moved that the words, notice of which he had given, be incorpo-

rated with Section 53.

The Hon'ble Mr. Bell said, with great respect to his hon'ble friend, he thought the greater part of the remarks which had just been made was beside the question. The point at issue was not one of principle, but of was beside the question. The point at issue was not one of principle, but of detail. The question before the Council was not whether the Court of Wards was to have unlimited and unrestricted power to expend money as they thought proper, but whether they were to be permitted to spend five or ton per cent. of the profits of the estate upon works of improvement. That was the simple question before the Council. When the Bill was first before the Select Committee, his hou'ble friend had brought under their notice what he considered to be the extravagant expenditure in the Durbhunga estate. With the facts of that case the Committee were not, however, familiar; but Mr. Bell had no doubt there were very good reasons for whatever expenditure had taken place in that estate. We knew that there was a disastrous famine, and wo were told that irrigation works had been constructed, and that it was expected that these works would in time yield a return of some ten per cent. upon the outlay. It of course was possible that these expectations might prove delusive, but these were questions which it seemed quite unnecessary to enter into on the present occasion. The Select Committee were of epinion that it was not desirable that the Court of Wards should have what they had at 'presentthe unrestricted power of spending upon improvements the surplus proceeds of an estate. The hon'ble member admitted that the power which the Court of Wards possessed had as a rule been used with scrupulous exactness in the interests of their wards; but while the Select Committee were of opinion that the Court of Wards had been most faithful in the discharge of their duties, they did not think it right that any person, or any body of persons, who were mere trustees and not the owners of the property, should exercise this unlimited and unrestricted power, and it was with that view that the power of expenditure on improvements was limited to five per cent. on the net profits of the estate. But in fixing that proportion the Select Committee had at the time no particular information before it. It was stated

that the Government allowed three per cent. for improvements on their own estates, and Mr. Bell individually thought that, if the Government allowed three per cent., it would be reasonable to allow the Court of Wards to expend five per cent. for similar purposes; but it afterwards appeared that the three per cent. set aside for improvement in Government estates was calculated not upon the net profits, but upon the gross collections. And it appeared to him that three per cent. upon the gross collections would be almost equal to ten per cent. on the gross profits. He had also consulted several very distinguished and experienced revenue officers, and they were all of opinion that five per cent. was too little. At the next meeting of the Select Committee the matter was again discussed, and his hon'ble friend the Senior Member of the Board of Revenue, whose vast experience entitled his opinion to great weight, also thought that ten per cent. ought to be set aside for improvements. It was therefore on these considerations that the Committee altered the five per cent. to ten per cent.

Now, his hon'ble friend, Baboo Isser Chunder Mitter, had a motion on the paper authorizing the Court of Wards to contribute to the support and maintenance of schools and dispensaries which the late semindar might have established. Mr. Bell thought it very desirable that the Court of Wards should have the power of making contributions to institutions of this nature, and if his hon'ble friend's amendment was adopted, he thought that contributions of this description might fairly come out of the ten per cent. fund. The hon'ble member opposite (Baboo Kristodas Pal) had pointed out that three per cent. in Government estates was divided into three parts—for roads, primary education, and local improvements—and he had said that no money need now be expended upon roads, as roads were constructed and maintained out of the Road Cess Fund. But there were roads within estates which were made for the improvement of the property, and which were not of such general importance to the public as to be made a charge upon a general fund like the Road Cess Fund. He saw no reason why, if the Government expended money for the construction and maintenance of roads in Government estates, zemindars should not find it necessary to provide funds for a similar purpose. It seemed to him that ten per cent. was a very reasonable limit to allow for the improvement of wards' estates.

There were many objects of local improvement, such as roads, schools, and dispensaries, for which a liberal landlord ought to provide; and he certainly thought that the limit of ten per cent. was not an excessive limit to ask the Council to asnotion for such expenditure. He hoped, therefore, the Council would reject his hon'ble friend's amendment.

The Hon'ble Mr. Schalch said the hon'ble member had brought forward in support of his amendment the fact that in Government suits a limit of three per cent. was fixed for expenditure upon improvements in wards' estates. But the hon'ble member must recollect that that limit was not fixed by law, and it might be exceeded in regard to any particular estate. Here, however, the percentage would be fixed by law, and the amount could not be exceeded. He would not take up the time of the Council further, but he thought that a fixed limit of ten per cent. would not be sufficient, and that a discretion should be allowed to the Collector.

The Hon'ble Baroo Isser Chunder Mitter said he had only a few observations to make. He was quite in favour of the proposition that money should be expended upon improvements, which he considered was better than hoarding it. But the question was, what was the percentage that should be expended on improvements? He believed the sense of the Council was clear that not more than was expended in Government estates should be spent on improvements in wards' estates. There was not information enough before the Council to enable it to decide whether ten per cent. on the net profits of a ward's estate would be equivalent to three per cent. on the gross collections in Government estates. It was necessary, however, that some limit should be placed upon the action of the Court of Wards, and that principle had been accepted by the Council; he would only ask whether, instead of a percentage on the net profits, the Council would not fix a percentage on the gross collections, as in the case of Government estates.

The Hon'ble Baboo Kristodas Pal said he had one remark to make in reply to what had fallen from his hon'ble friend Mr. Schalch. He observed that the case between a Government estate and a ward's estate did not stand on all fours, because the percentage in the case of Government estates was fixed by executive order of Government, whereas in respect of wards' estates the limit would be fixed by law. Baboo Kristodas Pal was fully aware of the distinction, but he would ask his hon'ble friend to remember that, if the limit had been absolute, the remark would have been just. But under the Bill, whenever the Board and the Government were satisfied that the limit should be exceeded upon good and valid reasons, it might be so exceeded, and any amount might be then spent. Such being the case, it would always be in the power of the Court of Wards to exceed the limit; and therefore the argument that the three per cent. limit of Government estates was liable to be varied by executive order of Government, whoreas the ten per cent. limit of wards' estates could not be varied, did not, in Baboo Kristodas Pal's opinion, hold good.

The Hon'rele Mr. Bell remarked that it was true the ten per cent. limit could be exceeded by the order of Government, but it could only be exceeded where it was necessary for the protection of the estate, or in other extraordinary cases, which was a very different thing from exceeding the limit for purposes of ordinary improvement.

The motion was then negatived.

THE HON'BLE BABOO KRISTODAS PAL said the next amendment he had to move in Section 53 was the insertion of the following words at the end of the section:—

"If the ward is a widow above the age of twenty-one years, entitled to the estate for her life only by virtue of the will of her deceased husband or otherwise, such surplus, after providing for the expenditure specified in the preceding section, shall, if no such debts as aforesaid be outstanding, be paid to such ward."

In reference to this clause also he had to repeat that there had been an oscillation of opinion in Select Committee. This clause had been inserted in the first amended Bill at his instance. But when the Bill was referred back to the Select Committee, the majority of the members were of opinion that the clause should be left out. His object in proposing this clause was that in some cases a testator left his property by will to his widow for her life, and because the female was deemed incompetent for the management of the estate, the Court of Wards took over the management and deprived her of the benefit accruing under the will by limiting her monthly allowance to some fixed sum, and carrying the profits to the credit of the estate. The object of the Court of Wards in a matter like this was certainly to benefit the estate. But he submitted that the first duty of the Court of Wards was to carry out the intentions or directions of the testator. If it were the will and desire of the testator that his widow should enjoy the full benefit of the surplus proceeds of the estate, he did not think, whether in law or in equity, that the Court of Wards were competent to defeat the object of the testator and deprive the widow of the full benefit of the profits of the estate. It might be said that the widow might waste the profits which might be derived from the good and economic management of the estate by the Court of Wards. Well, that might be so. The widow might not properly use the profits which might come to her; but were there not many other cases in everyday life in which such waste was committed by persons who came to the possession of large estates, and the courts could not ordinarily interfere with the action of persons who thus profligately wasted their property? Who could say that a ward who was a minor now under the Court might not, when he came of age, waste the estate which the Court of Wards, after considerable trouble and economy, had accumulated for the benefit of the ward? But in the cases to which his amendment would apply, the estate could not be wasted; it was only the profits, which were the widow's by the will of her husband, that she could waste if she were so minded: the estate remained in the hands of the Court of Wards. If a minor came of age, he might waste his estate and reduce himself to beggary; whereas a widow, even if she were a profligate character, could not waste the estate, but only the profits derived from the property. On the other hand, if she were a sister of charity, if she were a friend to the cause of humanity, if she were religious and benevolent,

how much good might she not effect by a proper use of her money? For instance, who had not heard how the Maharanee Surnomoyee or Maharanee Surrutscondree had been using the resources of their vast estates for the benefit of humanity and the improvement of the country; and who knew whether there might not be other widows who might not in the same way employ their means for the benefit of their neighbours or their countrymen?

means for the benefit of their neighbours or their countrymen?

Then he was answered in Select Committee that if, under the law, a widow had an absolute right to the profits which her husband had bequeathed to her under a will, she could assert her right in a court of justice. But he would ask, why should the legislature step in and sanction a course of action by the Court of Wards which tended to defeat a right which the widow possessed

under the ordinary law of the land?

He thought it would be admitted that it did not behove a great and powerful Government like ours to drive helpless widows to litigation for the assertion of their lawful and just rights. Just consider the position of the widow with life interest in an estate under the Court of Wards. In the first place, the Court of Wards took over the management of the estate, and the widow was deprived of all resources to carry on litigation; in the second place, if she were to sue, she must sue through the Court of Wards, because she had become a ward; and thirdly, when the suit was decided, when her right was admitted, who, after all, had to pay the expenses of litigation? It was the estate, or, in other words, it was the widow; for during her life she was the legitimate owner of the profits of the estate. From whatever point of view the question was looked at, it would be seen that it would be but bare justice that the Court of Wards should give to the widow what legitimately belonged to her under the will of her husband. He did not say that they should in any way remove the hands of the Court of Wards from the management and improvement of the estate, because the widow had only a life interest in it. Let all legitimate expenses be deducted from the proceeds of the estate, and whatever balance was left, let it be made over to her who had the greatest claim to it.

A notable case occurred lately in Chittagong, and made some noise at the time. It was the well-known case of Nyantara. He found, from a resolution of the Government in 1874, that this Chittagong case came under the management of the Court of Wards in 1873. It appeared that, under a will executed by the husband of Nyantara, she was left the entire profits of the estate during

her life. The Board of Revenue in their report wrote as follows:--

"On the death of the late Baboo Grish Chunder Rai, one of the richest zemindars in the district of Chittagong, his estate devolved by a will upon his wife, Srimati Nyantara. Shortly after her succession to the property, the Collector having learnt that the people about her were mismanaging the estate and taking advantage of her incompetency, deputed a Deputy Collector to inquire into the matter and report. The Deputy Collector reported her to be incompetent to manage her property; it was therefore first attached early in 1873, and was subsequently brought under the Court's management under Act IV (B.C.) of 1870. The ward is 27 years old."

The Hon'ble Mr. Reynolds said he hoped the Council would not accept this amendment, as its acceptance would be tantamount to an abdication by the Court of Wards of its proper duties and functions. The hon'ble member had cited the cases of certain ladies whom every one would admit to be ornaments to their sex and their country, and who had managed their estates with exceptional ability. Mr. Reynolds would be the last person to deny that many ladies had shown themselves excellent managers of property; but he must point out that the estates of such ladies would not come under the operation of this Bill. A woman, as such, was not disqualified for the management of her estate; she was only disqualified if she was found incompetent to manage her affairs, and there appeared to him to be some inconsistency in declaring a lady incompetent to manage her property, and then giving to her the disposal of the whole surplus proceeds of her estate.

The amendment of the hon'ble member applied to all widows without

The amendment of the non ble member applied to all widows without exception or qualification, so long as they possessed a life interest. But the widow might be a mere child, quite unfit to have the disposal of large sums of money. He was not putting a merely hypothetical case, but was referring to an instance which fell within his own experience as a Collector. It had become his duty on one occasion to take charge of an estate under circumstances to which the amendment of the hon ble member would have exactly applied.

2	fo.	District, an		ie of		Reinfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BRI	HAR.	(Continued.)				1	The state of the s
	29	Mosufferpore,	Apl	7	77	40	We ther — Unseasonably cloudy. The harvesting of the rubber crops has not as yet been completed. A good outturn is reported. Health of the district is good.
PATTA DITT.	3 0	Serau,	19	7		-37 -28 at Sewan, -13 at Gopal- gunge.	Weather—Cool for the time of year. Generally bright in the day time; cloudy nights with occasional drizzling rain. The rubbee harvest is nearly over with good outturn. Chies millet is being sown. Indigo is coming on well, though the late rain may necessitate the resuwing of some of the lands. General health is good.
į	31	Chumparun,	"	7	"	-88	There was rain accompanied by thunder and lightning on the 31st of March and the 3rd and 7th of April. The rain has done some injury. Resowings of indigo have become necessary in some places. Prospects on the whole are good.
	- 83	Monghyr,	**	7	19	•40 •2 at Hegu- sersi.	Weather—Unusually cool for the time of year. There has been no hot weather hitherto. The prospects of the crops continue good.
78.	33	Bhagulpore,	•,	9-	11	-27	Extraordinary cool weather. '31 of rain at Banka and '39 at Scopole, with hail- storm. The rebbee crops are luckily resped. The mango crop will be almost an entire failure. General health is very good, though cases of cholera and small-pox are reported.
BRAGULPORE DIVE.	34	Purneah,	90	7	,	1:66 1:59 at Kissen- gunge. -80 at Arrareab.	Weather—Cold and stormy, with east wind. The crops are good, but the unseasonable rain has damaged the ripe and gathered grain. It has also caused sickness.
	35	Maidah,	30	7	39	-43	Rain fell on the night of the 31st March; the other days of the week were rather fair. Heavy clouds, attended with thunder, lightning, and a few drope of rain, passed over on the night of the 6th instant. The wind is variable, and the temperature is lower. The crops are as good as before. Cholera is bad. Ninety-nine deaths reported.
l	36	Sonthal Pergha	i. ,,	, 8	3 "	-95 -33 at Deoghur.	Weather—"col and cloudy, with light showers. Some thunder and lightning. The rabbee harvest in Godda is good. Mango and mobies crops are not good. Cholera is decreasing in Deoghur; small-pox is appearing.
ORI	88A.						
		Cuttack	Apl	l. 7	777	-93	Weather—Stormy and rainy. The rain has slightly injured the cotton and other dry crops; otherwise it has been beneficial.
Оплива Вучи.	38	Pooree,	,	5	**	2:27 1:42 at Khoor- dah.	Weather—Cloudy and rainy at intervals. Fair on the 5th instant. The heavy showers of rain did a great deal of injury to the deleas crop that was being cut and gathored. The ploughing for the next season has recommenced. The most pulse and cotton crop will suffer, having been attacked by insects. Exportation is going on but slowly, and the price of rice is stationary. Cholera has diminished.
Į	39	Balasore,	99	6	*	-85	Weather—Squally and unsettled. Preparations for sowing continue. Sporadic cholers still causes many deaths.
CHC)TA	nagpore.					·
8	lou (k	.Wast Frontier	Age	wy.	1		
	40	Hazaveebagh,	Apl.	6	777	-20	Weather—Seasonable, but cooler than ordinary. The rubbee crops are nearly all harvested. The opium crop has been unusually good both in quantity and quality. Health of the district is good.
	41	Lohardugga,	••	7		·55 ·20 at Pala- mow.	Weather—Unseasonably wit. Some damage has been done by hall in places, but the rublee harvert, which is now going on, appears to be an average one on the whole. There have been some cases of small-pux in the Palamow sub-division and one case of cholera (not fatal) in the Ranchi jail.
	43	Singbhoom,	•	6	,,	8-50	Wenther—Unusually cool for the time of year. There has been a good deal of rain during the week. No crops on the ground to report. Preparations of land for the coming crops are going on. The district is reported healthy.
	43	Manbhoom,		7	۰-	-43	Wenther—Pleasant but unseasonable. There is nothing on the ground worth noticing. Ploughing is going on.

^{*} Talegram of the 5th April shows rainfall during the seven days immediately preceding.

Published for general information.

Oalgutta, Statustical Dept., The 10th April 1877. H. J. S. Cotton,

Jr. Secy. to the Goot. of Bengal.

PRICES-CURRENT of Food-grains and Salt in the undermentioned

QUANTITIES PER RUPEE BY

Rice, common.

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8	Jessore	441	***		•••	1	0 13		18	19			•••	-	٠ ا	14	0 1	14 8	1	٥	30 C	20	_	23	0	•••		-
9	Moorabeda	bed	•••		•••	33 0	∢l tı	, ,	26	0	35	o a	5 0		.	16	o .	{ 16 (9}±	0	2 0 0	[]20	to	}2	7 O			ا
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10	Dinagepore	•••	•••	•••	•••	11	11	0	16	0	14	B 1	4 8	23	0	20	0 1	8 0	18	8	28 0	29	0	23	8	•••		-
11	Rejshabye	•••		,	***	24 1	13	8{	18	13 0	} 61		•••	48 1		18 1: to	1	G O	19 te		33 7 to	38	4 to	33 t	8	}	l	
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19	Rungpore	•••	•••		•••	93 (3 22	8	27	9	•••	1	•••		ŀ	15 (0 1	5 0	12 1	12}	•••	32	8	18	0	•••		-
18	Bogra		•••	•••		16	16	10	18	8	•••		•••			16	9 1	6 8	17	0	9 8 0	28	6	. 6	4			
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15	Darjeeling Julpigoree	•••	*80	•••	•••	8	8	0	8	0	8 (0	8 0	8	0	6 (3	6 8	6	0	15 0	14	0	12	0	•••		
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gram 16 to 26 seers.

be interior the prices range as follow:—Wheat 12 to 13-6 seers, barley 25 to 26-8 seers, best rice 8 to 9-4 seers, common rice 13-4 to 23-8 seers, and gram 8-13 to 8-18 seers.

be interior the prices range as follow:—Wheat 8 to 16 seers, best rice 12 to 18 seers, common rice 19 to 25 seers, and gram 16 to 20

Districts of Bengal for the Fortnight ending 31st March 1877.

CREAT MILESPY Ratio & MUNEYA, AND ORDER. MAINS ON INDIAN. GRAM. PIRTWOOD. SALT.
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B. Ch. S
C 22 18 1 C 120 0 1200 1 C 7 0 8 03
24 0 24 0 35 to to 50 330 0 330 0 9 0 9 0 8 5 Rajshahye.
10 0 9 0 18 0 107 0 107 0 7 8 7 8 7 8 Rungpers.
g g g 0
13 8 13 0 13 8 160 0 160 0 9 0 7 0 7 1 Julpigoree.
20 0 16 0 28 14 97 0 97 0 100 0 8 14 8 14 9 0 Dacra.
16 0 16 0 23 0 9 0 9 0 8 0 Furresdpor
14 0 15 0 21 0 100 0 101 0 100 0 8 8 8 8 8 8 Restarran

G In Jungypore the prices are as follow:—Wheat 31 sers, barley 38 seers, best rice 31 seers, common rice 33-8 seers, bulrush millet 23 seers, and gram 30 seers.

H In Roygunge the prices are as follow:—Wheat 13 seers, best rice 35 seers, common rice 28 seers, and gram 18 seers.

In the interior the prices range as follow:—Wheat 18 to 23-8 seers, best rice 14 to 16 seers, common rice 18 to 23 seers, and gram 16 seers.

J In the Straigunge sub-division the prices are as follow:—Wheat 31 seers, best rice 11 seers, common rice 25 seers, and gram 16 seers.

K In the interior the prices range as follow:—Wheat 70 6 seers, best rice 5-8 to 14 seers, common rice 12 to 23 seers, lesser millets 14 to 15 seers, mains 16 to 40 seers, and gram 10 to 16 seers, best rice 8 to 14 seers, common rice 14-5 to 18 seers, and gram 10 to 13-3 seers.

M In the interior the prices range as follow:—Best rice 18 to 20 seers and common rice 23 seers.

N In the interior the prices range as follow:—Best rice 16 to 15 seers, common rice 25 to 23-8 seers, and gram 16 to 20 seers.

O In the interior the prices range as follow:—Best rice 14 to 15 seers, common rice 26 to 16-13 seers, paddy 30 seers, and gram 12 seers.

P 1a the interior the prices range as follow:—Wheat 13 to 25 seers, best rice 16 to 16-12 seers, common rice 26 seers, and gram 15 to 17 seers.

PRICES-CUBBENT of Food-grains and Salt in the undermentioned

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Nember.	1	DI STI	ric ts.			Present reform.		Next preceding return.	Corresponding return	of last year.	Present return.		Mext preceding return.	Corresponding return	of last year.	Present return.		Next preceding return.	Corre-ponding return	of last year.	Present refurn.		Next preceding return.	Corresponding return	of last year.	Present return.	Next preceding return.	Corresponding return of last year.
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91	Chitagong	•••		•••		10 Q	0 9	0	11	•	***		•••	-	.	8 (9 8	0	18	0	18	0 11	0	14	0			
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26	Сув	•••		•••	•••	95 E	0 18	. 0	25	0	29	a	9 0	40		18 (8	11		92	0 29	. 8	23	0			
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27	Shahabad	•••	***	***	•••	[·	1	7 0	19	0	28	0 2	8 0	20	°	17 (D 17	0	18	0	19		tn 21 (0 0	•••	***	
28	Darbhang	١	•••		•••	16 L		6 4	20	19	27	B 2	4 0	33	0	15 1	s 10	19	18	0	9 0	0 20	18	14	4	•••		
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30	Sarna	•••	***	100	•••	17	0 1	3 0	22	0	89	0	•••	48	0	10	B 10	0	10	0	18	8 18	0	23	4			
31	Chumparu	B	•••	•••	•••	16	0 14	6 0	25			0	•••	87	0	_	9 1	0	•	j		0 16		28	0			
38	Monghyr	•••	•••	•••		19	9 14	7	28	3	31	5 3	1 5	36	7	18 (8 18	6	16	8	21	0 19	9	19	9	•••	•••	-
33	Bhagulpor)	***		•••	16	9 14	9	21	8	18 1	5 1	8 5	35 :	19	10	90	8	13	16	31	7 29	11	20	8			<u> </u>
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40	Hasaroeba	_	•••		•••	29	- 1		1	•	1	٦.	 D v	1			- 1		1	- 1		0 30		1		***		
41	Popetgati		500	***	•••		"			J		٦	•			·		. •		ا						•••	•••	
48	Singhbhoo		•••	.••	•••	24	0 2	4 0	20								-									•••	•••	
43	Manbhoon	a		***		90	0 1	B 0	19	0	40	o is	. 0	82	0	90	0 18	0	16	0	34	0 84	0	þ 7	0			

CALCUTTA, The 10th April 1877.

Q In the interior the prices range as follow:—Best rice 11 to 16 seers and common rice 12 to 18 seers.

In the interior the prices range as follow:—Best rice 10 to 16 seers and common rice 13 to 21 seers.

In the interior the prices range as follow:—Wheat 50 to 27 seers, barbay 35 seers, best rice 12-8 seers, common rice 21-4 to 24 seers and gram 25 to 26 seers.

The interior the prices range as follow:—Wheat 16-8 to 18 seers, barbay 23 to 30 seers, best rice 12 to 18 seers, common rice 20 to 20-8 seers, balruch millet 26 seers, great millet 26 seers, makes 20 seers, and gram 23 to 23 seers.

Until the interior the prices range as follow:—Wheat 16 to 18 seers, barbay 40 seers, best rice 16 to 20 seers, common rice 10 to 23 seers, millets 30 to 33 seers, makes 30 to 23 seers, and gram 10 to 23 seers.

In the interior the prices range as follow:—Wheat 12 to 20 seers, barbay 31 to 40 seers, best rice 17 to 27 seers, common rice 22 to 26 seers, lesser millets 34 to 46 seers, makes 36 to 46 seers, and gram 30 to 30 seers.



lcutta Gazette

RAORDINARY.

MONDAY, MARCH 31, 1924.

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GOVERNMENT OF BENGAL.

LOCAL SELF-GOVERNMENT DEPARTMENT.

NOTIFICATIONS.

Minister in charge: The Hon'ble Hadji Mr. Abdul Karim Abu Ahmed Khan Chuznavi.

No. 2079M.—The 31st March 1921.—In exercise of the power conferred by subsection (5) of section 2 of the Calcutta Municipal Act, 1928 (Bengul Act III of 1923), the Government of Bengul (Ministry of Local Self-Government) are pleased to appoint, with effect from the 1st April 1924, Rai Dr. Haridhan Dutt Bahadur to exercise and perform the powers and duties which are conferred or imposed by or under the said Act on the Executive Officer until that Officer is oppointed under sub-section (1) of section 51 of the said Act.

Minister in charge : The Hon'ble Hadji Mr. Abdul Karım Abu Ahmed Khan Ghu

No. 2080M.—The 31st March 1934.—In exercise of the power conferred by subsection (4) of section 2 of the Calcutta Municipal Act, 1923 (Bengal Act III of 1923), the Government of Bengal (Ministry of Local Self-Government) are pleased to direct that the rules made under section 73 (b) of the Calcutta Municipal Act, 1899, for the grant of a retiring gratuity shall apply, with effect from the 1st April 1924, to every person holding an appointment under the Bengal Municipal Act, 1884, in the area added to Calcutta and contributing to the Provident Fund established under the said Bengal Municipal Act, subject to the condition that half the total period of his service rendered prior to the left April 1924 should be taken into account in granting gratuities under the said rules. the said rules.

G. S. DUTT.

Secretary to the Government of Bengal (offg.).

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Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Refurn of Traffic for wook ended 31st March 1877, on 1,279? miles open.

		COACHIN	s Tra	PPIC.	MERCHANDI	CE AND MINURAL TRAPPIC.	1	TRAI	ė Milmo	ROW.
	No. of passen- gers.	. Co	achina	receipte.	Weight carried.	Receipts.	Total Trappic Enceipts.	Coach- ing.	Merchan- dise.	Total.
	1	Re.	A. P.	£ e. d.	Mds. Sr.	Ra. Å. P. & a, d.	Ra. A. P.			
Total traffic for the week Or per mule of	141,344	1,93,146	10 8	17,706 11 2	13,69,435 10	5,63,114 10 0 51,837 8 5	7,55,255 4 8	44,8654	108,618	148,1642
railway	'	150	14 9	18 16, 8	*****	439 8 9 40 5 8	590 2 6	***	******	*****
12 weeks of	1,746,886	28,10,804	7 0	256,597 1 6	1,55,44,086 80	65,50,511 15 11 506,630 8 4	98,47,816 6 11	560,306 <u>è</u>	1,908,911}	1,784,1192
Total for 18 weeks	1,800,709	30,00,945	1 8	275,911 12 8	1,60,13,4 93 0	70,93,096 9 11 660,157 8 9	1,01,02,571 11 %	624,774	1,507,530	1,982,304
COMPARISON.										
Total for corre-						·				
week of pre- vious year Per mile of railway, cor- responding	1 33, 840 j	5,29,407	3 4	21,657 4 9	11,59,155 20	4,46,411 5 8 42,766 7 2	6,98,908 5 7	48,009	77,305	122,814
vious year Total to curre-	******	179	8 8	16 8 9	******	805 7 4 - 88 8 3	543 12 7	******		ot- see
s p o n d i n g date of pre- vious year	1,665,8114	28,98 ,184	15 0	265,646 18 8	1,35,60,837 20	; 54,76,198 9 11 501,984 17 6	85.74,383 5 11	610,789	961 ,191	1,571,980

EAST INDIAN BAILWAY—JUBBULPORK LINK.

Approximate Return of Traffic for week ended 31st March 1877, on 2:33 miles open.

Total traffic for		Rs.	A. P.	E e	p. d.	Mds. Sr.	Re. A. P.	E a. d	Ra. A. P.			
the week	6,469	23,070	7 3	8,169	15 10	2,90,078 0	71,880 7 9	6,584 9 1	95,500 14 3	4,751	18,941 :	53,00£}
Or per mile of railway For previous		105	13 7	9 1	I 3 11		331 0 6	2987	426 18 1	*****		
12 weeks of half-year	90,R08}	8,63,923	15 6	\$3,850 T	13 11	27,22,304 30	G,A1,073 3 0	03,477 10 11	10,45,407 2 6	68.986)	184,0251 24	68,61 1 1
Total for 18 weeks	105,327	3,87,504	6 9	88,620	9 9	30,22,072 30	7,63,403 10 0	anag o o	11,40,988 0 Y	694,737 }	248,567 27	2,304}
Comparison.				! 						•		
Total for corre- sponding week of pre- vious year Per mile of railway, cor- responding	7,324	£3,130	6 3	2,120	5 8	115,814 2 0	25,500 ¥ 0	2,338 0 2	48,635 15 3	4,470	6,177 1	1,047
week of pre- vi-us year Total to corre- sponding	*****	. 103	6 0	•	9 6	*****	118, 15 11	10 9 0	217 5 11			••••
date of pre-	87.141	2,99,266	7 6	26,515	1 8	18,37,788 80	3,03,336 9 0	27,704 5 8	P'81'484 0 6	64,518	73,851 13	H,34W

KASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week anded-31st March 1877, on 1582 miles open.

_	1	COACHING TRAI	PTIG.	MERCHAND	THE AND MINNEAL TRAFFIC.	l'otal -
	:Number of passengers.	Coashina	receipts.	Weight carried.	Receipts.	Pareipte.
	Ī	Ra. A. P.	£ a. d.	Mds. Sr.	Ra. A. P. & s. d.	6.4
Total traffic for the week	38,173}	\$3,811 2 0	2,182 13 9	1,73,098 5	40,499 8 6 3,730 15 8	5,918 9
or per mile of railway	210	150 7 5	. 13 15 11	1,106 3	257 2 11 23 11 6	5.09 .6
or previous 13 weeks of half-year	400,250)	8,31,894 7 9	*30,60 6 15 8	21.60,198 1	4,36,449 7 8 39,080 7 3	949
Total for 13 weeks	493.413	3,58,705 9 9	32,891 7 0	23,35,241 6	4,67,194 11 2 44,420 2 6	3 M. PA
Comparison.		خاندا میرسه در دور				8 800
otal for corresponding week of previous year or mile of railway, corresponding	31,930}	25,160 S S	2,123 17 0	2,01,152 17	34,618 18 11 8,191 🙀 8	safe à
week of previous year	246	145 6 6	15 8 4	1,871 5	. \$19 15 11 20 K +	# H
ntel to corresponding data of	465,1304	3,40,190 13 9	31,000 3 5	81,09,901 27	8,91,841 18 6 81 158,117	67,006

ABSTRACT.

	TOLLAGE OF 1876-	755 YSAB 77.	Tollage of the 1875-76.	n Than	•
· Camaza.	During the month.	To end of month.		end of cor- esponding month.	Reware.
Onissa Cingle.	Ba A. P.	Ra. A. P.	Rs. A. P.	RA A. P.	American
Kendraparah High Level, Section I Taidaudah	877 7 6	19,973 13 6 8,015 18 2 1,009 13 11	1,550 7 4 548 2 11 81 15 6	8,986 13 10 2,640 10 2 885 0 8	
Total Orissa Circle .	2,496 15 11	16,999 8 7	1,610 9 9	12,678 8 5	
South-Western Circle.					
.Midal -	7,311 1 0 3,257 8 6	59,692 7 0 36,178 10 1	3,882 5 6 4 313 9 0 1	18,451 5 2 11,780 2 0	
Total South-Western Circle	10,568 6 6	94,471 1 1	4,044 14 6	51,840 7 2	•
Sour Cincia.					
Arreh	140 0 0 1	3,890 12 2, 200 16 2	5000 00010	*** 101	
Total Some Circle .	464 3 6	8,640 10 5			
Grand Total .	13,469 9 11	1,15,5]1 4 1	5,665 8 3 7	76,313 15 7	

G. A. SBARLE, Col., S.C.,

Asst. Secretary to the Government of Bengal, in the P. W. Dept., Irrigation Branch.

The 8th March 1877.

GOVERNMENT OF BENGAL.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

RUBBER SEASON 1676-77, COMMENCING ON THE 1st DECEMBER 1876.

Irrigation Operations of Lower Bengal during the month of February 1877.

							-5	200	, autou	-						((41	- p			H		
			IN THE CANALS.	CANALE.		DALWA KICH I BATION.	4	EE, GIN	DEE, GINGER, WEEAT,	EAT.	OIL-SEEDS AND Puises.	16 A50		SUGARCAYR AYD OIKER CROPS.	ę.	uotu e	reapou voar.	4	RAINTALL.			
Girela	Distract.	Chemi	Astimated full dis- charge in capaci- cost pay second.	egradosib sparevA roq test oldus nt second broughous direct and	the let he for the series of the late of the late of the late of the let of t	Rurab bessel sert & dinom self	Total arra land by to the end of the month	of qu bossol serA offs to set offs filtings filtings	Animal during fine distribution and construction of the constructi	the mont of quality.	ndi lo tri oni Linont Aroa leacol during	Total area lean of up to the ord of the ord of the ord of the ord of the ord of the ord of the ord of the ord of the ord of the ord ord ord ord ord ord ord ord ord ord	Area lossed up to the last of the last of the	Area Jessed during the month.	Total area leased to the city of the city	Grand total of arm up to the end of the (total of columns and 17)	cross to fater of correct training the state of the state	Satub eschoal factors.	Inches during rubbes sesson. Tubbes sesson. Average of ten pre-	vious years for	Breeze	
1	••	•	•	10	•	4-	•	•		=	21 22	2	2	2	11	2	2	2	a	-		
9. Sept.	Oustack	Kendraparah Pattamiondos High Level, Sec. I Toldundah Metchinon	1,546 1,540 080,1	8-20 198-30 10-24 10-24	116:1	11111	; , k ; ;	11 23 k	를 [*] 한다.	519.1 151 152	8 -2-	2 . TA	1 - B		\$:- \$ ·	25 12 25 25 25 25 25 25 25 25 25 25 25 25 25	8,146 .: 		28	<u>€</u> 55±6	The details are-	42.8
	Total	Total of the month	3	"	12	- ,	i,	1,963	246	1,629	911	168	5		2	(4) 1,573	145.6		;	SAEI 		
	Total of the corresponding previous year	esponding menth of			ti.	. 8	H	2,900	8	3,166	81	13 136	8	1 1 2 3	120	3,544	:			F 5 5 3	8	
Post in	Midnapore	Midnapore	\$	9	:	 i	:	:			-		! !	<u> </u>	:	,	. 2	2	5	fe.		'E::
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	Total	Total of the month		- :		1 2	FE	 					:	:		R	2	<u> </u>	<u> </u>	Γ,	Total	18
•	Total of the corr	previous year			:				 !		*	35	:	:	;		<u> </u>	 	<u> </u>	ı —	t the rate of Re. 2	Acres.
	Shahabed {	{ : Main Western	1,000	17.12	::	::	! !	8,011	150	811 8,161] : 3	*8	48	27	25.5	10 to 10 to	53	10.1	25		R= :
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	Tota	Total of the month	,	1	:	;	;	6.322	140 . 8	8,468	: \$	*	5	175	3	5	(6) 38,536	 	<u> </u>	<u> </u>		
	Total of the corresp previous year	Total of the corresponding month of previous year		:	:			81,258		13,741	ä	ii	1,346	"	1,848	38,38		:	<u>.</u> .	-		
	Grand total	Grand total of the mouth		;	ŭ	2	92	8,7,6	8	16,091	E	3	3	2	ž	10,740	57,46	:] :	<u> </u>		
	Bouth of previous year	the corresponding	;	· · · · ·	*	2	2	34,188	107	3,4007		17 418	8	\$	1.96	37,465	!	-	I ;			
ä	Th i 7th April 1877.	17.			٠												G. Asst. Secr	I &	EAR.	LK, Col., Geot. of Nept., Iri	Bengal	, Branck.

Thi 7th April 1877.

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Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Refurn of Traffic for week ended 31st March 1877, on 1,279? miles open.

		DOAGRIF	TRAI	FF10.	MERCHANDS	en and Minneral Trappic.		TRAI	ý Milme :	Bux.
	No. of passen- gure.	Con	aching	recuipte.	Weight carried.	Receipts.	Total Trappid Receipts.	Coach- ing.	Meroban- dise.	Total.
		Ba.	A. P.	8 . 4	Mds. Sr.	Ra. Å. P c. d.	Ra. A. P.			
Total traffic for	161,844	1,95,140	10 8	17,704 11 1	13,69,435 10	5,62,114 10 0 51,837 8 5	7,55,985 4 8	44,565]	105,618	148,184
Or per mile of railway For pravious	٠	150	14 9	18 16 8		410 3 9 40 5 2	500 2 6	*****		*****
12 weeks of	1,748,368	28,16,804	7 0	258,307 1 6	1,55,44,066 80	65,80,511 15 11 598,630 5 4	93,47,816 6 11	000,200)	1,908,911}	1,784,119
Tutal for 12 weeks	1,889,702	39,00,043	7 8	275,911 12 8	1,60,13,468 0	70,92,626 9 11 680,187 8 9	1,01,02,571 11 8	634,774	1,307,530	1,932,304
Comparison.										
Total for corre-								•		
sponding week of pre- vious year Per mile of milway, cor-	188,840}	2,29,497	3 4	21,087 4 9	11,39,155 20	4,66,431 8 3 44,754 7 8	Q.95,908 5 7	48,000	77,205	122,214
responding week of pre- vious year Total to corre-		179	5 3	16 8 9		264 7 4 - 33 8 2	548 19 7	*****	*****	601 NO.
a ponding date of pre- vious year		28,98,184	15 0	260,686 18 A	1,53,60,827 20	: 54,76,198 9 11 501,944 17 6	83,74,848 5 11	610,789	961,191	1,571,980

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 31st March 1877, on 2237 miles open.

											-					~		
	ł	Ra.	A. P	٠.	£	8.	đ.	Mds. Sr.	Ra.	A. J	r.	£ s.	d.	Ha. A.	P.	l		İ
Total traffic for the week	6.440	23,670	7 2	ı	5.100	15	10	2,99,678 0	71,830	7	0	6,584 9	1	95,500 14	3	4,751	18,9412	21,0022
Or per mile of railway For previous	******		13 7	,	9	13	11		841	0	6	29 8	7	426 13	1		******	*****
12 weeks of half-year	96,818	3,63,921	16 6	١	8 8, 150	13	11	27,23,394 80	6,X1,578	8	9	03,477 10	11	10,45,497 2	6	63,986}	184,025{	348,6114
Total for 13 weeks	103,387	3,87,594	6 9	<u>-</u>	35,520	,	9	30,23,072 30	7,03.103	10	9	60,042 O	U	11,44,978, 6	9	08,737‡	208,567	272,304
Comparison.				Ì														
Total for corresponding week of previous year Per mile of railway, cor-	7,354	23,180	6 8		2,120	5	8	115,846 20	25,606	•	0	2,336 0	2	48,035 15	8	4,870	6,177	11,047
responding week of pre- vi us year . Total to corre- anonding	•••••	. 103	6 (,	9	9	8	*****	113	15 1	٠	10 9	0	217 8	11	Bderns	*****	
date of pre- vious year	87,141	2,90,255	7 6	,	24,515	1	8	18,27,785 80	5,01,2 1 0	9	0	27,704 \$	8	5,91,444 0		64,518	73,851	158,866

KASTERN BRNGAL RAILWAY.

Approximate Return of Traffic for week ended-31st March 1877, on 1584 miles open.

The state of the s	:	COACHING TRAI			PIST AND MISSEAL TRAPPIC.	Total -
	Number of	Coachina	reccipts.	Weight carried.	Recupts.	3
	<u> </u>	Ra. A. P.	& a. d.	Mds. Sr.	Ra. A. P. & s. d.	6.4
Total traffic for the week	33,173}	£1,811 2 0	2,183 13 9	1,75,038 5	40,699 3 6 3,730 15 3	A.918 V
Or per mile of railway	\$10	150. 7 5	18 16 11	1,106 \$	257 1 11 25 11 6	1,51
For previous 12 weeks of balf-year	459,200}	* 3,31,994 7 9 :	"30,66 8 15 8	21.60,193 1	4,56,459 7 8 39,089 7 3	
Total for 18 weeks	492413	3,54,705 9 0	33,861 7 0	23,55,281 6	4,07,198 11 3 40,820 # 6	The last
COMPARINUE.	1					1 3 1 5
Total for corresponding week of previous year	#5,930}	1 23,100 3 8	8,1 53 17 0	2,01,163 17	84,KIS 12 11 8,192 🚰 8	and Audit
week of previous year Total to corresponding date of	504	146 6 6	1884	1,971 5	919 15 11 99 3 4	# N .
nearious base	465,1301	3,40,190 12 9	81,609 3 1	21,69,904 27	8,91,022 18 6 28,917	07,020

No.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOANE CIRCLE.

Statement showing the total amount of Fraffic and Tolls on the Arrah Canal for the month of Junuary 1877.

	PB	PRIVATE TRAFFIC.	RAFFIC.				-	-	STURES AND MATERIALS FOR IRRIGATION WORDS	7776	D1710	FOR 15	11.2.11	; ;	ë				1				
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Mature of Curgo.	Weight of Gareo.	rbt Value	1 FR	Tom	.fon milmæe.	Tollage	iof to stad ofter not	Nature of Matter	re of carpo.	Weight of cargo.	Talue of cargo.	Ř	Tolk		Tollage.	 આપ્રાથ	To Talmink S Eg	traffic.		Calten.	Tonnage. Ton milense	Tollage	
	W.l.	4 .00	!	!		Re A. P.				Mds.	á			- 	P. L P.	A. P.			Mds.	Be. A.		Rs. A. P.	P. A. P.
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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Hidgellee Tidal Canal for the month of January 1877.

LENGTH OF CANAL OPEN-29 MILES.

•	PRIV	Privath Trappic.	FFIC.					5	STORES AND	D MATE	RIVIN 1	OR IRE	UGATIC	res and materials for irrigation works					ABSTRACT.	Ğ.			1	
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	مطحوسون	Clother bags, No. 69	Gurn woods, No. 56	Hatel seconds No 160		MARY, NO. 1,440	Golepattan, pana, 2	Straws, ballons, 464	Consessor, No. 6.000	Garante water	_		Delice No est	rough, not see	Addus one'r	rateorger costs		Total	Total of same month last year		Timber, No. 244	Passenger, No. 254	Excess tolls	•	1 3	TOTAL	Total of same month	Grand total	237 Grand total of same mouth last year

contingency of famine than other parts of India; but the two great calamities which had befallen these provinces within the last twelve years must have shown that the contingency of famine was one which we could not afford altogether to overlook. He believed hon'ble members were aware that in the famine of 1874 the Government of India, besides the direct expenditure which it incurred in the purchase and transport of grain, contributed about a hundred and eighty lakhs towards relief works in the distressed districts. Under the policy which had now been declared, we could not expect such assistance in future, and we should be called upon to meet local requirements from local resources. He thought he was within the mark when he said that it was necessary for the local Government to raise from Rs. 30,00,000 to Rs. 35,00,000 in excess of its present receipts, and this could be done only

by additional taxation.

It was then to be considered how far, and by what means, it might be possible to do this. Perhaps it might be thought of little use first to show that taxation was inevitable, and then to consider how far it might be possible. But he believed he was justified in saying that the local Government would not have consented to accept this financial responsibility, if it had not been satisfied that the necessary funds could be raised without unduly adding to the burdens of the people. He did not know whether it had been sufficiently taken into consideration that the people of Bengal were perhaps at present the most lightly taxed people of any country in the civilized world. Almost the only tax which the masses of the people were called upon to pay was the salt tax. In one sense no doubt this was a high tax—that was to say, the amount of the tax bore a large proportion to the cost of production of the article taxed. But that it was not felt as a burden by the people was shown by the fact that the consumption in these provinces was fully sufficient for all the requirements of necessities and health. The consumption of salt in these provinces was about ten pounds per head of the population per annum, and it was doubtful whether the consumption would be much larger than this if salt was not taxed at all. The salt tax then, even as it stood at present, was no oppressive burden, and the Government of India had expressed their intention of reducing the tax as soon as it was possible to do so. Amongst the other customs duties, the only tax largely paid by the people of Bengal was the duty upon imported cotton goods, and he need not remind hon'ble members that it was the declared policy of the Government of India to remove this tax as soon as financial considerations would allow of its abolition. The revenue from excise yielded in these provinces a sum of about Rs. 62,00,000 among a population of sixtytwo millions; it was a revenue to which no one need contribute unless he liked; and, on the whole, the sum amounted to one rupee per annum to every ten of the population. The revenue derived from stamps yielded about ten of the population. Rs. 90,00,000, the greater part of which was derived from court fees, which the people could to a great extent avoid if they pleased, and after all the stamp revenue was only about from two to two-and-a-half annas per head of the population. Direct taxation did not exist in Bengal. The present road cess could not be looked upon as a tax; it was assessed by the people, administered by the people; and expended by the people. It was nothing more than a scheme by which legislative recognition had been given to an arrangement for allowing the inhabitants of a district to expend a part of their surplus wealth in the improvement of their own property. The financial burdens of the country being so light as they were, he lid not think any apprehension need be felt that there would be an excessive strain on our resources by raising such a sum as Rs. 30,00,000 or 35,00,000 from so great and opulont a province as Bengal.

The statement of the Financial Member of Council, while recognizing the necessity for additional taxation, indicated two main principles which the Government of India desired to see maintained in any measures which might be brought forward. The first of those principles was that recourse should be had to the extension and expansion of the present means of raising money rather than to new and unfamiliar forms of taxation; the second was that the cost of the works should, as far as possible, be recovered from the persons who primarily benefited by them. In the two measures which would be proposed to the Council to-day, it had been the object of the Government to recognize and maintain these

two principles. The second of these principles had more relation to the Bill which stood in the notice paper in the name of his hon'ble colleague Mr. Ravenshaw. The Bill which he (Mr. Reynolds) was now asking for leave to introduce was founded on a system which was already in force, and which was understood and appreciated by the people.

It was proposed to make the road cess valuations the basis of a new additional assessment, the proceeds of which would be devoted to the construction and maintenance of provincial public works. The rate of the coss would be fixed by the local Government from time to time for each district, but it would never exceed the rate of half an anna in the rupee, and half of it would be paid, as the road cess was at present paid, by the ryot, and the other half by the zemindar. The time and the manner of making payments would be the same as under the existing Road Cess Act. The proceeds would be paid into the public treasury, and would be devoted to the construction and maintenance of those works. It appeared to Mr. Reynolds that some measure of this kind was better suited perhaps than any other which could be devised for meeting the necessity which we were now called upon to face. The incidence of this tax upon individuals would be light, because the tax would be distributed over a large area. Every one would know with certainty how much he would be required to pay, and there would be no inquisition into the profits or income of any one. And even if the tax was fixed at the highest rate which would be authorized by law, a ryot who paid a rental of Rs. 64 per annum would only be required to contribute one rupee towards this cess, and this was a sum which such a ryot might reasonably be expected to be able to afford without any difficulty or distress.

He did not propose to go into any further details at present. The Bill had been drafted and would be placed in the hands of members in a day or two; and if leave was now given to bring it in, he proposed to move on Saturday next that the Bill be read in Council and referred to a Select Committee.

The motion was agreed to.

Continue to a continue to

RATE UPON IRRIGATED LANDS.

The Hon'nee Mr. Ravenshaw moved for leave to bring in a Bill to provide for the levy of a rate upon irrigated lands in the Lower Provinces of Bongal. He said that the hon'ble member to the right had given a fair and able exposition of the position of the Government at the present time, and it was perhaps unnecessary that he should add much.

Under the late decision of the Government of India to enforce provincial responsibility for the financial results of public works constructed at the public expense for local and provincial purposes, the sum due to the Government of India from the province of Bengal had been estimated at Rs. 27,47,000. Of this amount, Rs. 22,19,000 was due for canals and irrigation works as representing the net working expenses plus charges for interest. The gross revenue derived from water-rates and other direct returns had, under the existing system of voluntary leasing, been estimated at Rs. 4,25,000 only for the year

1877-78—a sum which did not cover working expenses.

We had three great canal schemes in more or less active prosecution. These canals commanded an irrigable area of 690,000 acres, and it was expected that with vigorous prosecution of the works the irrigable area would annually increase, and in five years would have reached 1,121,000 acres. Of the 690,000 acres now irrigable, an insignificant proportion had so far been leased under the existing voluntary system, and there was no immediate prospect of these costly and necessary works yielding an adequate return. Drought and flood recurred periodically, and every year disclosed more and more the vital necessity for vigorous prosecution of canal and irrigation works, which were to India as arteries of trade and communication and veins which nourished the thirsty soil. He had personal experience in Orissa, extending over many years, of the frightful misery and loss caused by famine and flood; but he regretted to say that, notwithstanding the dire misfortunes and sufferings the people had sustained, they were still very backward in availing themselves of irrigation, even when the water was brought to their door.

Similar difficulty had been experienced on the Midnapore and Scane canals.

This backwardness in leasing for water, and the urgency of financial considerations, rendered it immediately necessary to move in the direction of helping the people to help themselves. Irrigation, drainage, and protection from flood must go hand in hand, and any measure it may now be necessary to propose would involve provision of these three advantages in exchange for a moderate, but compulsory, payment. In proposing to levy a compulsory rate, we should be giving the people more than an equivalent for any payment exacted.

The most recent inquiry, made with great care in Orissa last season, showed that the average value of rice raised on an acre of irrigated land exceeded the value of rice raised on an acre of similar unirrigated land by Rs. 3-3 per acre. This was wholly due to irrigation, and these results were

obtained in a season of favourable rainfall.

The Bill he now asked permission to bring in might be correctly indicated as likely to afford security and profit to every landlord and cultivator within the irrigated tracts to which the Bill would apply. In fact it was proposed to give to each person holding irrigable land a value of Rs. 3-3 per acre, and to insist on a moderate proportion of this value being contributed as an insurance rate to enable Government to continue to afford protection from drought, flood, or famine in the future.

His Honor the President said. I think it will be expected perhaps that I should say something in respect of these measures which are now before the Council, and for the introduction of which leave has been asked. It has been explained by the Hon'ble Mr. Reynolds that we have been compelled to ask you to assist us in raising a considerable sum of money in order to give effect to the measures which we have been directed to carry out by the Government of India. The Government of India have given to the Provincial Government a very considerable amount of freedom in the future in the management of its own affairs; but it has also, as the hon'ble gentleman has explained, thrown upon us the responsibility of raising the money necessary to meet the interest upon the works already constructed, and about to be constructed, and to carry out such further works of improvement as the Provincial Government may consider necessary.

As has been pointed out by my hon'ble friend, in doing this the Government of India has not charged us, as it might have done, if it could be shown that the works were immediately remunerative, with the accumulated interest upon the capital of these works. It has wiped that off, and has allowed us to start fair with the works as they stand, and has merely imposed upon us the responsibility of paying the current interest which may arise year by year.

There is no use in our discussing the correctness of the principles by which the Government of India has been guided in this matter, because the thing has been done, and cannot be undone by anything we can say in this Council. For my own part, I must say that however painful and disagreeable it may be to me to commence my administration of these provinces by imposing further taxation, I, for my part, personally feel that the principles of the Government of India are correct in the abstract. Indeed their application would have fallen upon us very lightly, if it had not been for the accident that we are clogged at starting by those two great schemes—the Orisan and Midnapore schemes—which have been taken over by the Government of India from a private company. No doubt, as my hon'ble friend Mr. Ravenshaw has stated, the Orissa Canals have already done an enormous amount of good to immenso tracts of country. They have brought into cultivation large areas of land which were hitherto arid plains; and where the water has been used, these plains have been converted into gardens. But the people, though they have seen the benefit derived by their neighbours from using the water, have not yer learned by their experience, and they abstain from using the water up to the very last moment that it is possible to do so, and until they are pressed by real drought bearing upon them. But we are compelled to be ready for them, and keep up the works and establishments, and to be prepared at the very last moment to supply the water which the people demand. This being so, it is only reasonable that the Government should call upon the people to contribute towards the expenses of the establishments, and to make provision for keeping up these works.

I have spoken on the subject to many experienced revenue officers and native gentlemen, and I have found that they all concur in thinking that the principle of levying a moderate compulsory water-rate is a reasonable and proper one, and it is one to which the people, although of course they would object to any form of taxation, will not raise any substantial objection. I cannot make them pay the whole cost of the work because, as I have said, the expenditure has been extravagant and wasteful; but I must levy all I can from them, and the balance required to meet the interest on the capital locked up in these works, as well as the interest on new railways which have not yet commenced to pay, and the first charge on the new cheap railways which we have to construct, and this I hope, as explained by the Hon'ble Mr. Reynolds, to meet by a general provincial public works cess, which I trust will cover the deficit and provide us with a small margin of reserve which will keep us out of difficulties, and, as to past expenditure, enable us to press on the work of providing such cheap railways as will confer the greatest possible benefit to the province. I shall take care in future that no capital is expended on railways and irrigation works without the most positive and conclusive evidence that they will yield the interest on the capital which is being expended on them. But it must be remembered that we must always have some money in hand to pay for the construction of new works, and we must keep a working margin in hand; therefore it will not do to cut down the amount we are to raise to the bare sum which will be required for the interest on the works which are already completed.

The road cess has now been tried, and has worked well and unoppressively; it has been collected without difficulty, and almost, I must say, without any complaint, as far as I have heard. Therefore I think, even if it is considered that there are forms of taxation which are preferable and theoretically open to less objection, it is better to apply the road cess machinery to our purpose and choose the evils which we do know, rather than plunge into evils that we do not know, on the mere chance that they may turn out to be better able to be borne than those from which we now suffer. I think it is better to endeavour to raise our taxation by a rough process which requires no fresh expenditure whatever on extensive establishments, than by a more carefully adjusted system of taxation, involving large assessing and collecting establishments and constant interference with the people. Let us raise what we require to raise this year, at all events, by the development of a form of taxation which is now in operation. We are much pressed for time and have not leisure now to commence discussions on the general principles of taxation, but during the year we shall have time to consider whether any other mode of taxation can be substituted for a portion of the cess which shall reach the trading classes. There seems to be a very general opinion that something should be done to put a tax upon the trading classes. I am not in a position now to propose any tax of this sort; but I do quite concur in the view that if it can be done it should be done. I have therefore consulted the Commissioners of Divisions as to whether any such tax can be imposed in Bengal as the license tax which has been passed for the North-Western Provinces; and if we wait, we shall by this time next year have the benefit of the experience of the working of that tax in the North-Western Provinces, and then we can consider whether we can shift any portion of the burden of our present taxation upon any other classes than those on which it

I expect to be met with the objection that I am imposing the whole cost of carrying out these works upon one particular class, viz. the class interested in the land. But I am sure that no one will deny that it is the land which has benefited more by these works than any other branch of national wealth; nothing has improved so much during my residence in India as the position of the cultivating classes, and nowhere has the position of these classes so much improved as in the neighbourhood of railways and canals which have been constructed, or in those parts of the eastern districts where Nature has provided water communication which has brought the people within easy reach of the large markets. I think there is no reason why those who have profited by these benefits, whether they are natural or artificial, should not be called upon to contribute something out of their accumulating wealth to

the assistance of their brethren in the outlying districts who are now shut out from all markets, and who do not enjoy the same advantages as themselves.

There is one point in respect of which I admit the cess is deficient. It throws upon landlords the duty of collecting the rate, while they have not such facilities as they should have for the ready and prompt realization of their rent and the Government cesses. This difficulty had already attracted the attention of my predecessor Sir Richard Temple, and just before he left Bengal, he recorded a Minute expressing his intention of at once applying for the sanction of the Government of India to pass a short Bill to provide a system for the realization of rent in a somewhat more summary and prompt process than that which now exists. I shall give the subject my best attention, and I may say that I am already in communication with the officers subordinate to me, and I hope it will not be long before I shall be in a position to ask the Council, with the permission of the Government of India, to pass a Bill of this sort. I think that with that Bill the objection of the landlord classes will disappear. I can only add my hope that, having regard to the difficulties of the position in which I am placed, I shall have the cordial support of the Council in passing these measures, even if they do not think them absolutely perfect. The financial year begins to-morrow, and with it commences all our difficulties and responsibilities, which I must ask you to put me in a position to meet.

The motion was agreed to.

The Council was adjourned to Saturday, the 7th April.

RETURNS OF JOINT STOCK COMPANIES FOR THE YEAR 1876.

No. 1818, dated Calcutta, the 20th March 1877.

From - J. A. BOURDILLON, Esq., Offg. Inspector-General of Registration, To-The Secretary to the Government of Bengal, Judicial Department.

I mave the honor to forward, for the information of Government and for publication in the Gazette, the returns noted in alse registered in 1876. which increased their capital in 1876, wound up in 1876. borns on the register at the close of 1876. the margin for the year 1876, submitted by the Registrar of Joint Stock Companies.

2. Return 1 shews that 19 new companies were registered during the year, with an aggregate capital of Rs. 31,67,000; while return 2 exhibits six companies only which increased their capital by Rs. 5,36,000. Return 3 shews that three companies, with an aggregate capital of Rs. 14,60,000, were wound up in last year. In addition to them four other companies were written off as defunct, two having been voluntarily wound up under section 145, clauses 1 and 2, and a third, the Corinthian Theatre Company. having been wound up by order of the High Court, under section 101 of Act X of 1866. The fourth ceased to exist under the operations of the law, clause 3, section 101 of Act X of 1865, without any reference to the court, inasmuch as, under section 6 of the Act, no company which has not seven members is competent to carry on business.

3. The following abstract of the existing companies, classified under the headings of manufactures, commerce, and trade, may not be uninteresting:-

		ajuvarts.	1		Commerce.			4/500		
Tea		·	•••	78	Banking	•••	10	Hotels	•••	3
Jute	•••			7	Navigation	•••	8	Printing Press	•••	1
Jute Sc	rew	•••	•••	8	Docking	•••	2	Druggists	•••	_3
Coal	•••	•••		5	Labor Transport	••	1	Theatres	•••	'n
Cotton	•••	•••	•••	3				Tug		8
Indigo	•••	•••	•••	1	Total	•••	16	General Dealers	•••	11
Stone		•••		1					_	
Iron	•••	•••	•••	ì				Total		22
Agricul		•••	•••	2					٠	
			_					Grand Total		144
		Total	•••	106					•••-	
			-		,			ı		

The receipts of the Registrar's Office during the year 1876 amounted to Rs. 3,442,

against Rs. 4,706 in the previous year.

5. There was no necessity for instituting prosecutions during the year under report except in two cases, in which the papers were immediately supplied after application for summons had been made.

No. 1-1876. Statement sheroing Joint Stock Companies registered during 1876.

No.	Names of Companies.	Date of registra- tion.	Amount of nominal capital in
			Re.
1	Ranchi Lac Company, Limited	4th Jan	1,60,000
2	Panbarce and Koor Kooriah Tea Company, Limited	14th Jan	1,50,000
8	North-Western Cachar Tea Company, Limited	25th Jan	2,80,000
4	Rungli Rungliot Tea Company, Limited	21st Feb	1,12,000
5	Bengal Native Joint Stock Company, Limited	18th March.	10,000
6	Jessore Loan Company, Limited	12th April	20,000
7	Gourypore Company, Limited	12th April	12,00,000
8	The Bengal Chemical Works, Limited	24th June	50,000
9	Sahar Serpur Loan Office, Limited	26th June	20,000
10	Jamalpore Trading Company, Limited	26th June	50,000
11	Narayangan Trading Company, Limited	26th June	. 20,000
12	Rajmuhal Stone Company, Limited	30th June	2,50,000
13	Amluckee Tea Company, Limited	25th July	3,75,000
14	Moonshigunge Loan Office, Limited	29th July	20,000
15	Mymensingh Great Eastern Bengal Exchange Com- pany, Limited.	23rd Aug	20,000
16	Deshia Basha Babsayi Company, Limited	28th Aug	10,000
17	Cachar Native Joint Stock Company, Limited	81st Aug	1,00,000
18	Joseph and Sons, Limited	7th Sept	20,000
19	Teesta Valley Tea Company, Limited	20th Nov	3,50,000
			31,67,000

No. 2-1876. Statement of Joint Stock Companies which increased Capital during 1876.

Amount of in	Names of Companies.		DATE OF OBIGIN	No.
	-	Capital.	Date.	
. Re.				···
. 20,000	Nasmyth's Patent Press Company, Limited	8,00,000	27-1-76	1
	River and Coasting Steam Navigation Com-	2,50,000	8-2-76	2
1,00,000	pany, Limited.	•	1	-
16,000	Mim Tea Company, Limited	1,44,000	18-2-76	8
70,000	Jokai (Assam) Tea Company, Limited	2,80,000	9-5-76	4
80,000	Mymensingh Loan Office, Limited	20,000	8-7-76	5
3,00,000	Ranigunge Coal Association, Limited	6,00,000	11-8-76	6
5,86,000	Total			

No. 8—1876. Statement showing Joint Stock Companies Wound up or otherwise Defunct during 1876.

No. of . this list.	Date of original registration.	Names of Companies.	Date on which notice was filed.	Nominal capital.
		Wound up.		Re.
1	22-7-74	Corinthian Theatre Company, Limited, under High Court orders dated 8rd February 1876	9th Feb	1,00,000
· 2	11-12-62	Gourypore Company, Limited	12th April	12,00,000
3	4-1-76	Ranchi Lac ('ompany, Limited	2nd Dec	1,60,000
		Total	·	1,460,000
		Defunct.		
1	2-11-72	Assensole Trading and Building Company, Limited.	Written off as defunct under orders of the	50,000
2	3-4-73	United Tea Planters' Tea Company, Limited	Linspector-Ge-	6,000
3	24-11-74	Behar Commercial Association, Limited	neral—vide	2,00,000
4	4-12-74	Indian Statesman Company, Limited	No. dated	1,00,000
		Total	•••••	3,56,000
		Grand Total		18,16,000

No. 4-1876. List of Companies existing on the 31st December 1876.

No.	Names of Companie	٥.			Nominal capital
				•	Re.
1	Arcuttipore Tea Company, Limited		•••		8,00,00
2	Adulpore Terai Tea Company, Limited	•••	•••		1,10,00
. 3	Assensole East Indian Railway Co-opera	tive	Society, Limi	ted	7,50
4	Amicable Tea Company, Limited			1	8,00,00
5	Agricultural Phosphate Company, Limit	ted			1,00,00
6	Asiatic Jute Company, Limited	•••	444		4,00,00
7	Amluckee Tea Company, Limited				8,75,00
8	Bengal Coal Company, Limited		•••	•••	22 ,00,00
9	Bengal Uncovenanted Service Medical	EF-11	Association,	Limited	
	Denne Ton Company Timited		a sectation,	Transcer	50,00
10	Bengal Tea Company, Limited		***	•••]	10,00,00
11	Balasum Tea Company, Limited				2, 00 ,0 0
15	Bishnath Tea Company, Limited		•••	}	11,00,00
13	Burmah Steam Tug Company, Limited		•••		8,00,0

war in the same of the

No.	Names of Companies.	_		Nominal espital.
				Rs.
14	Bowresh Cotton Mills Company, Limited	••		18,00,000
15	Boreillah Tea Company Limited	•••		1,10,000
16 17	Budge-Budge Jute Mills Company, Limited	•••	•••	18,00,000
18	Buxar Co-operative Society, Limited Burrisal Loan Office, Limited	• •••		4,000 2 0,000
19	Bengal Jute Pressing (Brunton's Patent) and Man	ufacturi	ne Com-	6,00 , 000
	pany, Limited.		and com-	0,00,000
20	Burkollah Tea Company, Limited		}	2,70,0 00
21	Baree Tea Company, Limited	•••		1,50,000
2t	Bengal Iron Works Company, Limited	•••		8,00,000
28 24	Bograh Loan Office, Limited Burrakur Coal Association, Limited	•••	•••	20,000
24 25	Bengal Freemasons' Hall Building Association, I	imited		1,50,000 1,50,000
26	Bengal Native Joint Stock Company, Limited		•••	10,000
27	Bengal Chemical Works, Limited	•••		50,000
24	Calcutta Docking Company, Limited	•••		12,18,000
29	Central Cachar Tea Company, Limited			10,00,000
80	Calcutta Landing and Shipping Company, Limite	d		2,2 0,000
81	Charles Central Press Company, Limited	•••	•••	75,000
32 88	Chundypore Tea Company, Limited Calcutta Opera House, Limited	•••		2,50, 000
oo 84	Outbacherra Company, Limited	•••	•••	40,000 2,70,000
35	Central Terai Tea Company, Limited	•••		4,00,000
36	Chitpore Screw Company, Limited	•••		75,000
37	Cochula Tea Company, Limited	•••		2,00,000
88	Calcutta Hydraulic Press Company, Limited	••		1,70,000
89	Colonial Tea Company, Limited	•••	•••	8,00,000
40	Chitpore Hydraulic Pressing Company, Limited	***	•••	4, 00,000
41 42	Chota Nagpore Tea Company, Limited Cossipore Hydraulic Press Company, Limited	•••	•••	2,50,000
92 48	Carew and Company, Limited	•••	***	4,00,000 16,00,000
44	Cachar Native Joint Stock Company, Limited	•••		1,00,000
45	Dehradoon Tea Company, Limited	•••		20,00,000
46	Durrung Tea Company, Limited	•••		5,00,000
47	Dehing Company, Limited	•••		20,00,000
48	Durrubhur Company, Limited	•••		60,000
19	Darjeeling Terai Tea Company, Limited	•••		1,00,000
50 51	Dessai and Purbuttia Tea Company, Limited Dedarkosh Tea Company, Limited	•••		1,80,000 1,00,000
52	Dunbar Cotton Mills, Limited	•••		10,00,000
53	Docars Tea Company, Limited	•••		64,000
54	Dishia Bastra Bybasahi Company, Limited	•••		10,000
55	East India Tea Company, Limited		•••	10,00,000
i6	Eastern Cachar Tea Company, Limited	•••		7,00,000
57	Equitable Coal Company, Limited	•••	•••	8,00,000
58 50	Furreedpore Loan Office, Limited	•••	••• }	3,00,000
5 9 60	Fort Gloster Jute Manufacturing Company, Limite	ad	•••	15,000 14,00,000
61	Great Eastern Hotel Company, Limited			15,00,000
52	Goosery Cotton Mills Company, Limited	•••		10,00,000
38	Gowhatty Tea Company, Limited	•••		4,00,000
i4	Gielle Tea Company, Limited	•••	•••	5,00,000
35	Grob Tea Company, Limited	•••	•••	6,00,000
66	Gowrypore Company, Limited	•••	•••	12,00,000
57 58	Howrah Docking Company, Limited Hongkong and Shanghai Banking Corporation	•••	•••	8,00,000 1,12,50,000
59	Hoolangoora Tea Company, Limited			4,00,000
ro	Halta Tca Company, Limited	•••		2,50,000
71	Howrah Mills Company, Limited	•••		14,00,000
72	Haobnaree Tea Company, Limited	•••		1,20,000
78	ludia General Steam Navigation Company, Limite	d	•••	29, 00,000
74	Indian Terai Tea Company, Limited	•••	••••	1,50,000
75 76	Jilalpore Cachar Tea Company, Limited Jokai (Assam) Tea Company, Limited	•••	•••	1,60,000
76 7 7	Jauuktaolee Tea Company, Limited	•••	:::	3,00,000 80,000
78	Jhurughat Tea Company, Limited	•••		2,20,000
19	Jessore-Loan Office, Limited	•••		20,000
-	•		1	,

in.	Names of Companies	. 			Nominal capite
					Rs.
80	Jamalpore Trading Company, Limited	***	•••	•••]	50,0
81	Joseph and Sons, Limited	•••	•••	•••	20,0
82 83	Kunchunpore Tea Company, Limited	T.imitad	•••	•••	5,00,0
84	Kurscong and Darjeeling Tea Company, Kuttal Tea Company, Limited	minea		j	8,00,0
85	Kurseong and Terai Tea Company, Limi	ted	•••	•••	1,00,0 1,00,0
86	Kallacherra Tea Company, Limited		•••		2,75,0
87	Labor Transport Company, Limited	•••	•••		1,00,0
88	Lackatoorah Tea Company, Limited	•••	•••		2,25,0
89	Muttuck Tea Company, Limited	•••	•••	••• [4,00,0
90	Manacherra Tea Company, Limited	•••	•••	•••	8,00,0
92	Moran Tea Company, Limited Majagram Tea Company, Limited	•••	•••	••• {	6,00,0
93	Mymeusingh Loan Office, Limited	•••	•••		2 ,00,0
94	Mcrchants Steam Tug Company, Limite	ď.	•••		50,0 9,20,0
95	Mothola Tea Company, Limited, The	-	•••		1,50,0
96	Medla Tea Company, Limited	•••			1,50,0
97	Mun Tea Company, Limited .	•••	•••		1,60,0
93	Mahanuddy Tea Company, Limited	•••	•••		1,00,0
99 100	Moonshigunge Loan Office, Limited Mymensingh Great Eastern Bengal Exc	 hanga C	omnone T.		20,0
101	Namnyth's Patent Press Company, Limi		ompany, L	1	20, 0
102	New Mutual Tea Company, Limited	ecit		•••	3,20,0 1,20,0
108	Nutwanpore Tea Company, Limited	•••	•••	:::1	4,00,0
104	New Beerbhoom Coal Company, Limited		•••		7,20,0
105	New Fallodhi Tca Company, Limited	•••	•••		2,00,0
106	Nauthpore Indigo Company, Limited	•••	•••	}	1,50,0
107	Nasirabad Loan Office, Limited	··· ::4-d	•••		20,0
108 109	North-Western Cachar Tea Company, L Naraingunge Trading Company, Limited		•••	•••	2,30,0
110	Oriental Jute Manufacturing Company,		•••		20,0
111	Pankhabaree Tea Company, Limited		•••		1 9, 00,0 2, 50,0
112	Planters' Stores Company, Limited	•••	•••		1,00,0
113	Pattareah Tea Company, Limited	•••	•••		2,00,0
114	Phœnix Tea Company, Limited	·			5,00,0
115	Panbarce and Koorkooria Tea Company	, Limited		•••	1,50,0
116 117	Ramghar Company, Limited B. Scott Thomson and Company, Limite		•••	•••	10,00,0
118	Ranigunge Coal Association, Limited		•••		5,00,0 9,00,0
119	Ramkrishuapore Press Company, Limite	d	•••		1,30,0
120	Riverside Press (Watson's Patent) Comp	any, Lin	nited		8,00,0
121	River and Coasting Steam Navigation C	ompany,	Limited	•••	3,50,0
122	Rajabare Tea Company. Limited	•••	···		2,00,0
12 3 124	Rustomice Twine and Canvas Factory Congli Rungliot Tea Company, Limited	ompany,		••• }	8,00,0
125	Rajmahal Stone Company, Limited	•••	•••		1,12,0
126	Sylhet Tea Company, Limited	•••	•••	- 1	2, 50,0 1,50 ,0
127	Soom Tea Company, Limited		•••		8, 00,0
128	Singell Tea Company, Limited		•••	•••	6,25,0
129	Singballee and Murwah Tca Company, I	imited	•••		4,00,0
130	Secopore Jute Manufacturing Company,	Lamited	•••	•••]	15,00,0
181 132	Springside Tea Company, Limited Strand Bank Press Company, Limited (Vateon's	Patent Pro-	The	1,68,0
133	Sungoo River Tea Company, Limited			a, the	2,50,0 2, 00,0
184	Suddea Tea Company, Limited	•••	•••		1,25,0
135	Second Mutual Ten Company, Limited		•••		2,85,5
136	Sapakati Tea Company, Limited	•••	•••		88,0
187	Sylhet Cultivating Company, Limited	•••	•••	•••	20, 0
138 139	Sahar Serhur Loan Office, Limited Tukvar Company, Limited		•••	•••	20,00
140	Tipperah Loan Office, Limited		•••	•••	12,00.0
141	Teendareah Company, Limited		•••		1,00,0 1 ,85 ,0
142	Tinghug Tea Company, Limited	•••	•••		1,50,0
143	Teesta Valley Tea Company, Limited	•••	•••		3,50,0
144	Watson's Pateut Press Company, Limit	ed	•••		3 ,00,0
			Total	[7,42,02,0
	i				<u> ۱۳۰۰</u> ۰۰۰ -

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 7th April 1877.

7. 2					The state of the s
	No.	District, a		Rainfall at Sudder Station in inches.	: Amended by the Acatelot address with Minulatin of the Cliff with
BE	NGA	J.			
		Western L	istricls.		
	1	Burdwan,	Apl. 9°77	·78	The rainfall at Culna has been 1.10 inches, at Cutwa 1.87, at Jehanabad-29, and at Ranecgunge 32. Catton and til (sessamum) are doing well. Cholera is still prevalent in the Culna sub-division.
	3	Bankoora,	, 7 ,	-45	Weather-Unusually cool, with slight rain at intervals. The rain has been sufficient for general preparatory ploughings. State and prespects of the crops are good.
Diva	8	Reerbhoom,	,. 7 .,	-29	Weather—Singularly cool. Severe hailstones fell on Friday evening, followed by heavy rain on the next morning. The damage, if any, done to the crops by the hall is not yet reported
BURDWAN DIVE	4	Midnapore,	., 7 ,.	1-14	Weather—Cool and rainy, which is unusual for this season. State and prospects of the crops are good.
Bu	5	Hooghly,	. 7 ,	-34	Weather—Cloudy, with intervals of sunshine. It is nousually cool for this time of the year. The agriculturists are all very much delighted with the frequency of rain. The late rains have bonefited the vegetables on the ground. The rice lands are still being ploughed. Sugarcane is being pressed in the mills, and the cuttings are being planted. A good deal of cholera exists in the town and mofuscil.
ļ		llowrah,	. 7 .	1.25	Weather-Cloudy. There are no crops on the ground at present.
		Central 1	Districts.		
į.	6	24-Pergunnahs	. Apl, 9.† '77	1.85	Weather—Unusually cool for this time of the year. Land is being ploughed for the spring sowings everywhere in the district except at Satthira, where the ploughing for the present is rendered impracticable by the recent heavy rains. Public health is generally good.
PRESTORECY DITS.	7	Nudden,	" 7 °77	3-71	Weather—Cold and stormy, with heavy rain. The rain is very favorable for the sowings of the early rice; but those portions of the cold-weather crops which have not been gathered have suffered.
Рвиетъ	8	Jessore.	. 7 .	8-51	Weather—Wet and stormy. The spring rice, which was promising well before, has been injured by hall-storms and heavy rain. The accumulation of water in the low lands will retard sowings thereon. The sowings on the higher lands have commenced, and the spring sowings of indigo are in progress.
ľ	. 9	Moorshedabad,	,, 7 ,,	-62	Wenther—Cool and cloudy, with occasional showers. More or less rain has fallen throughout the district. The rain will forward the preparation of lands for goes rice. The rabbee harvest is drawing to a close with a very fair outturn. Indigo and mulberry are fair. Prices are steady. General health is good.
R DIVE.	10	Dinagepore,	,, 6 .,	·85 ·75 at Roy- gange.	Weather—Cloudy and very cold for the time of year. The subbee crops are being harvested with good outturn. The land is being prepared for the some rice.
RAJERANTE AND COCCE BREAR DITE	11	Rajshahye,	7	471	Wenther—Stormy, with a moderate rainfall, which has cooled the atmosphera to a degree unusual at this time of the year. Though the rain has been unfavorable as far as the rubbee harvest is concorned, still it has been of great good to the growing crops, and is favorable for the sowings of causes rice and jute. A few cases of cholora have been reported from Besuleah, Tannore, Pooteah, Manda, and Nattore.
AJOHANTE AND	13	Rungpore,	, 6 ,	2.12	Westher.—Wet and cool, with strong wind at times. There has been much less rain in other parts of the district, viz. 93 at Kunigram, 58 at Gaibanda, and 69 at Ragdogra. Ground is being sown with the some crop and jute. The recent rain is not favorable for any tobacco still on the ground and for weeding.
æ (18	Bogra,	,, 7	1.27	Weather—Heavy storms at the close of the week; otherwise fair and warm. The sowings of jute and some rice are nearly completed, and the ploughing for further sowings will be commenced at once. Health of the district is good, except that a little cholera is prevalent

<sup>Telegram of the 9th April shows rainfall during the seven days immediately preceding.

† Report of the 9th April shows rainfall during the seven days immediately preceding.</sup>

n	o.	District, and return		of		Reinfall at Sudder Station in inches	Character of the weather, state and prespects of the crops, and state of health at date.
EN	IGAL	(Continued.)				1	
		<i>Central District</i> Pubna,	e. Apl.	7	777	1:48	Weather—Stormy, with frequent showers. The weather is very favorable for ploughing and sawing; on the other hand, the rain has been rather too heavy for wheat and barley, which however are not extensively grown in the district. A few cases of cholera and small-pox have been reported during the week.
KASHARIN AND COUR DAMES	15	Darjeeling,		6	**	3 26	The weather changed on the 31st of Merch, and there has been very severe hall and rain since. The resping of wheat and barley is still going on with favor-she results. Indian corn, potatoes, and buck-wheat, are being sown. The hall has done some slight damage only to a few gurdens in the immediate vicinity of Darjeeling; in the rest of the district the rain has been favorable to ten cultivation.
7	16	Julpigores,	•	7	,,	1:27	Weather—Cloudy and cool. Strong casterly winds. Nothing particular to report. Tobacco is being out, and the ploughing for early rice is going on.
1	•	Cooch Behar,	•	6	**	2.05 1.16 at Matha- bhanga. 1.37 at Mekli- gunge 1.1 at Dinhat- ta.	The week has been marked by frequent storms accompanied by rain. Weather very cool and fresh, but sun sometimes very hot. The rains have been good for every thing but tobacco, which has partially suffered. There is a marked increase in favor cases owing to changeable weather, but no epidemic is as yet heard of.
		Bastern Distri	ets.			-	·
	17	Daces,	Ap l.	. 9	~ 77	2-33	Weather—Very cool. Rain fell on four days during the week. State and prospects of the crops are still good, but sunshine is wanted. More rain will deharm.
	18	Fureedpore,	10	7	•	8-15 9-58 at Madari- pore.	Weather—Abnormally cold, wet, and stormy. The cultivation of lands for rice sowings is much impeded by the rain. General health is good.
DACCA Dress.	19	Backergunge,	**	5	••	3-82	There have been heavy showers of rain during the week, and generally the crops are good. A good deal of sporadic cholers and fever exists in the district, but the health of the cattle is everywhere good.
Ã	20	Mymensingh,	79	6	19	2-26	Weather—Equinostial storms on all sides, and an unusually heavy fall of hail at bred-quarters on the morning of the 5th instant. State and prospects of the grope are favorable.
	31	Tipperah,	••	6	P	1.98	Weather—Rainy and cold for the time of year. The low lands are gotting water-logged, and the persistent rain makes it difficult for the cultivators to plough. There is therefore some apprehension of a bad season.
	83	Chittagong,		5	**	1:36	The whole week has been cloudy, with rain, thunder-storms, and high wind at intervals. The cold-weather crops are in good condition. Pusie cour rice is thriving. A few scattered cases of cholera still exist. Small-pox at head quarters is abating.
CRITTAGORG DIVE.	23	Noakholly,	•	5	' ,••	1-29	Weather—Cloudy and rainy throughout the week. Strong southerly wind Pulses, chillies, &c., are doing will. Ploughing for the early rice continues. Cholers still prevails in Begungunge and Fenny.
CRITTA	34	Chicagong Hill Tracts,	u "	1	٠,	5.76	There were heavy falls of vain with equalls on the 28th, 29th, and 30th Marc and 1st April. The jooms out by the bill people have partially been destroyed and thoroby their burning is delayed.
	LAH LAH	Hill Tipperab, L	3 0	4		1.80	There has been rain on four days of the week, and the state and prospects of the crops are good.
_	35	Patna,	Apl.	9	• 7	-18	Slight min fall during the early part of the week. The harvesting of the rubbe crops is nearly completed. Sporadic cases of cholera and small-pox are reported throughout the district.
PATES DIVE	*	Gya,	•	7	' 	27	Westher—Cool, aloudy, and rainy. There has been a fall of hail throughout the greater part of the district. Maximum reading of the thermometer was 95-4. The hall and rainy weather have injured the prospects to some extent.
PAI	3	Shahabad,	••	7	,,	96	Weather—Cloudy and hot. The rubbes crops are somewhat damaged by the recentuibill. Pees, encourse palse, wheat, and barloy, are being harvested.
	2	B Darbbungs,	•	. 7	7 ,,	-23	Weather-Cloudy, with slight rain and several thunder-storms during the west High centerly winds. The railes harvest is progressing, and the outtur promises to be a good average.

^{*} Telegrams of the 9th April show rainfull during the seven days introclintely presenting.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 24th March 1877, on 1,279? miles open.

	i '	Coachtra	TRA	FFIC.			Merchandige and Ninnral Traypic.									TRAI	a Mirae	RUN.
	No of passen-		 tehing	roceipts.			Weight carried.	Recoipts.					YTAT. APPI: XIPI	C :	Conch- ing.	Merchan- dise.	Total.	
Total traffic for	!	lks.	A. P.	, z	.	el.	Mdr.	8 .	Ru.	A. P.	£	#. d	. Re	. A	. P.			
the week! Or per unle of	187,646}	2,02,479	9 0	18,500	13	6	13,22,210	3v	5,73,592	2 0	1.2,579	4	7,76,0	71 l	L 9	46,0471	102,720}	1 17,007
radway For previous	l	158	3 4	14	10	1	*****		44%	3 2	41	1	{ •	306 (B 9			•••••
ll weeks of half-year	1,621,17%	26,35,275	6 0	241,500	18	2	1.42,37.248	o	50.6x,850	10 (647,145	3 1	n 86,01,	133 (U (1	833,2011	1.701,191	1,05%.4524
Total for 12 weeks	1.7:0,225	29,37,751	15 0	260,127	10	_i *	1,55,50,682	50	65,42,118	12 (500,724	4	6 :1 3 ,141,	2163 1	1 8	580,2053	1,203,911	1,784.19
Comparison. List for corresponding week of pre-	 					i												
vious year l'er mile of railway, cor- r a a p onome work of pre-	121,724	1,95,962	Đ U	17,951	1	4	9,05,530	341	4,12,445	15 (. 77,807	10 1	1 ¹ G,08,3	en i	8 4	41,276 i	72,3M)	116,636
rious year fotal to corre- sponding		153	u p	1 14 1	0	7			322	1 7	· •	10 1)	175	5 4	} !		
date of pre-		 26,68,687	9 8	241,029	13	11	1,22,21,672	0	: 60.00.7×7	G N	450.230	10 :	1 1 76.71~1	176	, 4	565,780	853.086	1.140.799

EAST INDIAN RAILWAY -JUBBULPORF JUNE.

Approximate Return of Truffic for week ended 24th March 1877, th 2233 miles open.

		R _N .	A. F	. [£ s.	d.	Mds. N.	lka.	Α.	P.	£ a. d	! Rs.		<u> </u>	!	
		27,481		- 1	2,519 8		1	!		i	-			4,974]	18,76N)	21,7324
	•.	122	13 4	٠	11 5	3		321	1	0.	29 K 7	443	14 4	•••••	******	
For previous it weeks of half-year 87	! #±1467	3,16,080	3 (28,974 10	10	25,20,875 50	6,39,511	2	6	58,621 12 3	, 9,55,630	1 U	50,012	105,867	231,579
Total for 12	s,786}	3.43,673	15 (-¦-	31,491 5	7	28,11,479 30	7,11,379	9	-,'	a5,5m 14 1	10,54,953	N G	63,941}	144,625}	514'411 9
COMPARISON.										1		ĺ				
	118,7	29,443	8 1	,	2, GB 8 19	10	94,437 20	23,450	Ŋ	6	2,150 9 2		1 3	5,315	5,610	10,925
Per tails of railway, cor-; responding; week of pre-;	İ									ļ		;			.د	
Total to corre-		131	9 6	5 	13 1	3	*****	104	13	7	9 12 4	236	7 0			•••••
date of pre-	J,817	2,66,125	1 :	8 !	2 1,391 16	0	12,11,899 10	2,76,723	0	0	25,3G6 G (5,12,849	1 %	50,64N	67.67 1	127,325

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 24th March 1877, on 28 miles open.

سد سنه اشار النها السار	<u></u>	COACHING TRAFFIC.	<i>=</i> :	Менсиани	'Potal receipts			
	Number of presencers. Cosching receipts.				Receipts			
		Ra. A. P. B- c	d.	Mds: Sr.	Rs. A. P.	£ s. d.	£ s. d.	
Total traffic for the week	9.787	1,464 0 0 146	3 0	27,096 6	867 0 0	86 14 U	238 2 0	
Or per mile of railway	350	73 0 0 EA	L 0	908 0	51 0 0	3 2 0	× 6 0	
For provious 11 weeks of half-year	115,777	16,400 0 0 1,640	0	1,02,982 0	6,465 0 0	646 8 0	2,286 8 0	
Total for 12 weeks	1 2 5,51 t	17,964 0 0 1,784	3 0	2,19,975 0	7,331 0 0	738 2 0	2,619 10 0	
COMPABISON.								
Total for corresponding week of previous year 1.	9,715 è	1,861 18 8 135	8	19,621 0	658 3 0	65 16 4	201 0 0	
Per mile of railway, corresponding week of previous year	347	46 4 6 4 10	6	900 30	23 8 1	270	7 3 6	
Total to corresponding date of previous year	122,303	16,340 4 6 1,436	7	2,18,631 50	7,061 13 6	705 3 7	2,341 4 3	

RASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 24th March 1877, on 1581 miles open.

		COACHING TRAI	Tric.	MERCHAWDI	Total			
	Number of passengers.	Coaching	receipts.	Weight carried.	Receipts.	receipta.		
	i i	Ra. A. P.	£ 4. d.	Mds. 8.	Ra. A. P. & s. d.	2 e. d.		
Total traffic for the week	43,531}	26,745 4 3	2,451 13 0	1,92,600 33	40,903 2 4 3,749 7 3	6,201 0 5		
Or per mile of railway	275	1mp 0 1	15 9 10	1,218 16	238 7 6 23 13 10	apa R		
For previous 11 weeks of half-year	415,73k	3,08,140 3 4	28,247 0 3	19,67,383 8	3,45,527 5 4 35,340 0 0	63,587 0 5		
Total for 12 weeks	4.59,2504	3,31,894 7 9	30,008 13 3	21,60,193 1	4,26,429 7 N 30,0N9 7 3	49,788 D G		
COMPARISON.						}		
Total for corresponding week of previous year	41,723	27,643 13 1	2,528 10 4	1,75,174 8	32,316 P 7 2,962 7 1	5,400 17 b		
Per mile of railway, corresponding week of previous year	253	374 4 10	15 19' 7	1,106 35	204 3 5 18 14	54 18 11		
Total to corresponding date of previous year	1 400 700	3,26,621 9 1	20,895 6 2	19,08,753 10	3,57,000 0 7 32,725 16 3	7 42,611 # P		
	· · · · ·				'			

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 24th March 1877, on 271 miles open.

			٠.					
		Rs. A.	P	Es.d.	Mds. S.	Rs. A. P.	L a. d.	£ s. d.
Total traffic for the week	1,872	837 0	ο,	K5 1 0	6,349 0	561 0 0	66 2 0	141 16 O
Or per mile of railway	69	31 8	o į	3 3 0	233 0	20 - 0	210	5 4 0
Por previous 11 weeks of half-year	26,161	12.611 0	0	1,261 × 0	78,070 0	5,790 6 0	679 18 0	1,811 6 0
Total for 12 weeks	24,053	14,171 0	"	1.517 2 0	84,419 0	6,360 U 0	636 0 0	1,393 2 0
COMPARISON		i	- ;	i			:	
Total for corresponding week of previous year Per mile of railway, corresponding		, 1,055 c	3	105-10-9	3.607 36	367 12 9	56 15 7	142 G 4
week of previous year	100	S8 11	H	J 17 6	132 16	. 13 7 11	1 6 1) ;	5 4 5
Total to corresponding date of pre-	25,937	12,694 5	14	1,200 K S	1,19,947 6	9.215 0 6	923 10 I	2.192 18 9

No. 15 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO Calcutta Gazette.

WEDNESDAY, APRIL 11, 1877.

OFFICIAL PAPERS.

Nun-Subscribers to the Gazzette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Colcutta, or Twelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations,

Saturday, the 31st March 1877.

Present:

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, Presiding,

The Hon'ble V. II. SCHALCH, C.S.I.,

The Hon'ble H. J. REYNOLDS, The Hon'ble H. Bril,

The Hon'ble T. E. RAVENSHAW,

The Hon'ble Baboo Ram Shunker Sen, Rai Bahadoor,

The Hon'ble Baboo Isser Chunder Mitter, Rai Bahadoor, The Hon'ble Baboo Kristodas Pal., Rai Bahadoor,

The Hon'ble NAWAB MEER MAHOMED ALI,

and

The Hou'ble H. F. Brown.

EXCISE REVENUE.

THE HON'BLE MR. REYNOLDS moved that the Bill to consolidate the law relating to the excise revenue in the Presidency of Fort William in Bengal be further considered in order to the settlement of the clauses of the Bill.

The motion was agreed to.

The Hon'ble Mr. Reynolds said the second section provided for the coming into force of the Act on the date of its publication. It was desirable that this Bill should not come into operation until the Indian Opium Act should come into force. The Opium Act was to have taken effect from the 1st of April, but a subsequent Act had been passed deferring the operation of the Opium Act, and it was therefore necessary to amend section 2 of this Bill, which he proposed to do as follows:—

"It shall come into force from such date as the Lieutenant-Governor may direct by notification in the Calculla Gazette."

The motion was agreed to.

The Hon'ble Mr. Reynolds moved the substitution in Chapter II of the words "Presidency Magistrate" for "Magistrate of Police." The amendment, he said, was merely verbal, to bring the phraseology of the Bill into harmony with the Presidency Magistrates' Act.

The motion was agreed to.

The Hon'ble Mr. Reynolds moved the substitution in section 7 of the word "inspector" for "constable," and the omission of the word "burkundazes." The latter amendment was necessary upon the general principle of using English words instead of vernacular.

The motion was agreed to.

The Hon'ble Mr. Reynolds moved the substitution of the following words for the last six lines of section 21:—

"and inspect at all times by day or by night, and may similarly authorize any excise officer to enter and inspect at all times by day allehouses and shops in which licensed dealers may carry on the sale of spirituous or formented liquors or intoxicating drugs."

Under the original Act XI of 1849, excise officers, as such, had full power to inspect licensed shops without any special authorization from the Collector. But as it was considered advisable to place some restriction upon this power of search, and not to give it except to such persons as might be qualified on account of their experience and discretion, it was therefore provided that the Collector might authorize by warrant any excise officer to exercise this power. It was not intended that the Collector should issue a separate warrant in each instance, but that he should confer a general power of search on such officers as were duly qualified. It was subsequently brought to notice that the wording of the section might be thought to require a separate warrant in every case: the section as proposed to be amended would provide for this.

The motion was agreed to.

The Hon'see Namas Meer Mahomed All said that under section 21 an officer duly authorized could enter the house of a licensed dealer at any time of the night or day. There was no provision for giving notice for the retirement of females who, according to the usage of the country, did not appear in public. Section 384 of the Criminal Procedure Code provided the procedure to be adopted in the case of the search of an apartment in the occupancy of a woman who, according to the customs of the country, did not appear in public.

According to that section, previous notice should be given to females to retire if they should happen to reside in the same house as a licensed dealer. He would therefore move that the following proviso be added to section 21:—

"I'rovided that, if the house be one in which the female members of the licensed dealer reside, such officer shall not enter and inspect the same without a previous notice for the removal of the females."

The Hon'ble Baboo Isser Chunder Mitter said, as he read the section, it seemed to him that section 21 did not provide for search: it authorized only the inspection of a shop in which liquors were sold or manufactured; there was no question of search in the section. The hon'ble member had omitted to look at another section under Chapter III, section 70, where authority was also given for the inspection of shops by day or by night. As far as search was concerned, the provisions in this Bill were sections 23 and 73, under Chapters II and III. There was a provision in section 21, to the effect that, whenever a zenana was entered, the procedure adopted by the High Court should be followed. But there was no such provision in section 73, and Baboo Isser Chunder Mitter would support the hon'ble member if he proposed to add his

proviso to section 73 instead of to section 21. Sections 21 and 70 referred only to the inspection of shops, and he believed excise or police officers would have no authority to enter any other part of the house under those sections; and no dealer, it was to be supposed, would choose to keep the female members of his family in a shop where business was transacted.

The Hon'ble Mr. Reynolds said he hoped the hon'ble member would not press his amendment. The powers of entry and search had now been materially restricted by providing that they should only be exercised under a warrant from the Collector. We were not now engaged in settling the excise law, but we were merely consolidating the existing law; and in a consolidating Bill it appeared undesirable to make alterations which were not shown to be actually necessary. These provisions had been in force since 1849, and he was not aware that any complaints had been made of their operation. In cases of this kind, where the sale or manufacture of spirits was concerned, it appeared to him essential, in the interests of justice and the protection of the revenue, that an officer should be able to exercise powers of inspection without previous notice. If notice were given, even for a few minutes, all traces of illicit manufacture or sale might disappear and the revenue be defrauded.

The motion was then put and negatived.

On the motion of the Hon'ble Mr. Reynolds a verbal amendment was made in section 21.

The Hon'ble Nawab Meer Mahomed All moved the addition to section 30 of the words "which sum, or any portion thereof, may be paid to the person aggrieved." He thought the aggrieved person should get something by way of compensation from the hands of the police or excise officer. A similar provision would be found in section 80 of the Bill.

The Hon'ble Mr. Reynolds said he was not quite sure that the words were necessary. Under the Presidency Magistrates' Act and the Criminal Procedure Code, the Magistrate who adjudicated a case was empowered to award as compensation any portion of the fine which was imposed. But the provision had been retained in the Opium Act, and there was also some doubt whether the provisions of the Presidency Magistrates' Act would apply to convictions under this Chapter before a Justice of the Peace. He had therefore no objection to the amendment.

The motion was then agreed to.

In section 31 an accidental omission was supplied on the motion of the Hon'ble Mr. Reynolds.

In section 33 the words "and in some conspicuous part of the place where the property was seized" were, on the motion of the Hon'ble Nawab Meer Mahomed All, inserted after the words "Calculta Gazetle."

In section 39 the word "constable" was substituted for "chuprassy," and "a Presidency Magistrate or other Magistrate having jurisdiction" for "a Magistrate of Police."

In section 70 the following words were, on the motion of the Hox'ble Mr. Reynolds, substituted for the first fifteen words, with the object of making the section accord with section 21 as it had been amended:—

"Any excise officer above the rank of a peon, if authorized in that behalf by a warrant under the hand of the Collector, may enter and inspect at all times, by day or night, and any excise officer similarly authorized may enter and inspect at all times by day."

A verbal amendment was made in section 71.

Section 80 provided a penalty of Rs. 500 for a vexatious search or seizure.

The Hox'ble Nawab Meer Mahomed All said he thought a more fine would not be an adequate punishment for an officer who might, at the instigation of some other person, oppress a man with whom such person had enmity. He had known many instances in which police and excise officers did not hesitate to exercise oppression for the sake of illegal gratification. In such cases, unless these officers had before them some bodily fear, they would not be restrained by a mere fine, which might be met by the person at whose instigation the offence was committed. He therefore moved the insertion of the words "imprisonment in the criminal jail for a period not exceeding six months and to" after the word "to" in line 12 of the section.

The Hon'ble Mr. Reynolds said he thought the penalty provided by the section was quite sufficient. It would be observed that an excise officer, if convicted for vexatious search or seizure, would be liable to a fine of Rs. 500. He was aware that the fine was a maximum and not a minimum one. If the fine was not paid, the officer convicted would be liable to imprisonment for six months. The section referred to officers in the service of Government, which had a hold upon them beyond the penalty here provided, inasmuch as the officers so convicted would be liable to loss of place and pension. Under these circumstances Mr. Reynolds did not think that the penalty here provided was inadequate.

The Hon'ble Baroo Kristodas Pal said that, if the provision of the Criminal Procedure Code, under which officers who made illegal arrests were liable to punishment, applied to offences under this section, then, coupled with that provision, he thought this section provided a sufficient punishment. But if an offence committed under this section was not triable under the general provisions of the Criminal Procedure Code, he considered that the punishment was not sufficient. If a police officer, for instance, arrested a person illegally under the Criminal Procedure Code, he would be liable to fine or imprisonment. But, as the section was worded, an excise officer illegally arresting a person was liable merely to fine; and, as observed by the hon'ble mover of the amendment, in the case supposed where a person, from vindictive feelings, might induce an excise officer to annoy a neighbour, the fine would practically be paid by that person. The hon'ble member remarked that the power of arrest was converted sometimes into an instrument for gratifying personal feelings. He was not prepared to say how far that was true, but it was not unlikely that the power might be so made use of. If the Council were of opinion that the general provisions of the criminal law would be applicable to such cases, then he would not support the motion; otherwise he would support it.

The Hon'ble Mr. Reviolds observed that he understood that an excise officer offending under this section would be liable to be convicted either under it, or under the general provisions of the criminal law; though of course he could not be convicted under both.

The motion was then negatived.

The Hon'sile Barro Ramshunker Sen moved that section 89, which provided a penalty for contempts before the Collector, be transposed so as to stand after section 119. In the position in which the section now stood, the provision would only be applicable to contempts committed before Collectors in the mofussil; he thought a provision similar to section 38 of Act XI of 1849 should be inserted to provide for contempts committed in Calcutta.

The Hon'ble Mr. Reynolds having observed that the matter pointed out was apparently an omission—

The motion was agreed to.

The Hox'ble Mr. Reynolds said that section 102 provided the rate of duty to be paid on imported spirits. The rate of four rupees per gallon was inserted because that happened to be the rate under the present Tariff Act. But it was necessary to provide for the contingency of the rate fixed by the Tariff Act being altered. He would therefore move that, for the words "the rate of four rupees the imperial gallon of the strength of London-proof, and the duty shall be rateably increased as the strength exceeds London-proof," the following words be substituted:—

"a rate not exceeding the rate fixed for imported spirit by the Indian Tariff Act, 1875, or any similar law for the time being in force."

The motion was agreed to.

On the motion of the Hon'ble Mr. Reynolds, an omission was supplied by the insertion of the words "subject to the confirmation of the Governor-General in Council" after the word "Government" in line 7 of section 117.

On the motion of the Hon'ble Mr. Reynolds a verbal amendment was made in section 119.

The Hon'ble Nawar Meer Mahomed All said that section 123 provided for the grant of rewards "either before or after" the adjudication of a case. He did not understand how an informer could get an award "before" the adjudication of a case, or, in other words, before the information which was given was proved to be correct. If the reward was given, and the information

The proprietor was a widow of the mature age of eleven years; she had a life interest in the estate under her husband's will, and the income of the property was about Rs. 40,000 a year. In that part of the country the incidence of the Government revenue was very light, the estate was not encumbered with debt, and the expenses of management were not large. recollected, the surplus income was about Rs 2,000 a month. As far as he He thought it could not seriously be contended that such an income as this ought to have been handed over to this young lady, whose only notion of the value of money probably was that money was an useful medium of exchange for toys and

But there was another consideration against the adoption of this amendment. The widow, whose property was under the management of the Court of Wurds, would have a son, either natural or adopted, to whom the estate would descend on her death. But, under section 4 of the Bill, this son would also be a ward of the Court, and the Court was bound to administer the estate in his interest, as well as in that of the widow.

But if the amendment of the hon'ble member were carried, if the whole surplus might be spent, he would not say at the descretion, but at the caprice, of a weak and incompetent female, it might reasonably be expected that no improvements would be made; that no money would be invested; and that the estate would descend to the heir in an impaired and impoverished condition. That, he thought, was precisely the state of things which it was the duty of the Court of Wards to prevent. And he must confess to a feeling of some Court of Wards to prevent. And he must confess to a feeling of some surprise at finding the hon'ble member at one moment so chary of the surplus, that he would not allow the Collector and the Commissioner to spend more than five per cent. of it, and the next moment so liberal with it, that he was prepared to hand the whole of it over to a person who would not be qualified to spend it wisely or well.

He appealed to the Council not to nullify the Bill by accepting this amendment. Let the widow have an adequate provision, let her even have an ample and liberal allowance; but in the interests of the estate, and of those who would inherit it after her, do not give her unrestricted power to deal as she pleased with the whole surplus income.

The Hon'ble Mr. Bell said, as a member of the Select Committee, he wished to make one or two observations on this amendment. The Committee to whom the Bill was first referred unanimously adopted the amendment now proposed. Of that Committee his hon'ble and learned friend the Advocate-General was a member. On the Bill being referred back to the Select Committoe, his hon'ble friend opposite Baboo Kristodas Pal) and himself were the only two members of the former Committee who were present on the day when this question was again discussed, and the consequence was that they were outvoted on a proposition which had in the first instance been unanimously

It seemed to him that the question was one which did not admit of any argument whatever. Take the case of two brothers—one having an income of a lakh of rupees from land; the other an income of a lakh of rupees from Government paper. Both of them die, and both leave wills in favor of their widows. The one leaves his widow a life income of a lakh of rupees from land; the other an income of a lakh of rupees from Government paper. The property from which the income is produced being in the one case land, the Collector takes charge of it, on the ground that the widow is not competent to manage the property; the other lady, whose income is derived from Government paper, cannot be interfered with, unless the civil court pronounces her insane. But the object of the Court of Wards' Act was simply to protect the property of incompetent females, and not to deprive them of the income of the property to which they were entitled under their husbands' will. The Court of Wards' Act was originally passed in 1793, and the reason for taking charge of the estates of minors and incapacited persons was that the Government revenue might be paid, and the estate might be preserved in the family of the proprietors. But there was no reason why, because the Court of Wards took charge of an estate to see that the revenue was paid and that the estate was properly maintained, they should not pay the income to the person who was legitimately entitled to it. His hon'ble friend on the right (Mr. Reynolds) had instanced a case from

Mymensingh, where a large property was left by will to a female minor and the Court took charge of the estate, and he asked whether the Court ought, under these circumstances, to pay the whole income of the estate to the minor. But the Court in that case would take charge of the estate, not because the proprietor was a female, but because she was a minor. But when a Hindoo lady was entitled to a particular income, she could not by law be deprived of that income, simply because the Court of Wards might consider that, owing to the particular circumstances of the property, she was not fit to be trusted with its management. Mr. Bell did not base his contention on the instances put forward by his hou'ble friend the mover of the amendment. That case might be explained by the fact that the lady had adopted a son, and hon'ble members were aware that by Hindoo law the moment a widow adopted a son the estate passed into the hands of the son, and therefore it was possible that the lady in that case lost the estate owing to the adoption.

Mr. Bril supported the motion, simply on the broad ground of justice. If an estate was left to a lady for life, she was entitled to the income from it, and he could not conceive how she could be deprived of it. But if it was regarded as a mere matter of expediency whether the yearly income should be paid to the widow, to be expended in those acts of charity and religious observance to which the Hindoo religion attached so great importance, or should be accumulated in the treasury of the Collector, to be squandered by the next heir, he for one would undoubtedly prefer to see the money paid to the widow. But it seemed to him to be not a question of expediency, but a matter of simple justice. The income was the widow's, and he submitted that she ought to have it, and he should therefore support the amendment.

The Hon'ble Mr. Schalch said the addition which was proposed was approved by the Select Committee, but was afterwards omitted at a second meeting. It had not yet been proved whether their insertion was necessary or not, as it would be in the power of a widow to obtain the order of a court that she had a right to the whole of the profits, and she would then receive the whole amount. We therefore left that question to be settled by a law court, and did not think ourselves justified in making any provision in the Bill.

His Honor the President thought that the discussion had somewhat wandered from the subject. A great deal had been said about the law and justice of the case, and it was argued that because the widow took under a will, therefore we were bound to pay over to her the whole of the profits. There was no single remark which had been made with reference to a widow which would not apply with equal justice and force to the case of any other minor. The estate of a widow did not come under the management of the Court of Wards because she was a female, but because she was an incompetent female; therefore, the ground for dealing with her was capability or otherwise of acting in the management of the estate. The Court of Wards could only interfere if the woman was incapable of managing her own affairs. Her case was no more affected by the form in which the property was left than in the case of estates of male minors. As the amendment now stood, he gathered that it would apply not only to persons who were disqualified, but to persons under age; therefore, the result would be, if the amendment were adopted in its present form, that even where the widow was a minor, it would be necessary to pay over to her the whole of the profits of the estate. He must say that he was not prepared to admit that that was a proper discharge by the Government of its position as trustee of wards' estates.

The Hon're Baroo Kristodas Pal observed that as long as the widow was a minor she could not receive the surplus profits, because, as a minor, the Court would administer the estate and carry the surplus to the credit of the estate. She could not obviously claim to spend the profits during nonage. But after she had attained her majority, though she might not be competent to manage the estate, she would certainly be competent to enjoy the profits. In the case put by his hon'ble friend Mr. Bell, the position of the two widows was identical: the one was left the income derived from landed property, and the other the interest of Government securities; and Baroo Kristodas Pal did not see why the widow, to whom were left the rents and profits of an estate,

should be deprived of what was bequeathed to her by her husband's will, merely because she was considered incapable of managing the estate.

The Council then divided:-

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Ayee 5.
The Hon'ble Nawab Meer Mahomed Ali.
                                            The Hon'ble Mr. Brown.
            Baboo Kristodas Pal.
                                                        Baboo Ram Shunker Sen.
                  Isser Chunder Mitter.
                                                        Mr. Reynolds.
            Mr. Ravenshaw.
                                                         " Schalch.
                                           His Honor the President.
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The numbers being equal, the President gave his casting vote with the Noes.

So the motion was negatived.

The Hon'ble Baboo Isser Chunder Mitter moved the addition to section 50 of the following words:-

"and, subject to the approval of the Board, in payment of such charitable and other allowances as were paid out of the proceeds of the estate before it came under the management of the Court of such allowances as the Court may authorize to be paid." ment of the Court, or such allowances or donations as the Court may authorize to be paid

He said that, as a matter of fact, expenditure not provided for in sections 50 and 70 was actually incurred. There was no provision for the usual ceremonies and performances which were ordinarily observed in native society. In the Gobardanga estate the late proprietor had founded charitable dispensaries and schools, and they had continued to be maintained under the management of the Court of Wards. Then, in many cases Koolins married into Hindoo families and were oftentimes supported by the head of the family. Then there were charities which ought to be maintained. These charities were referred to in the last resolution in reference to the Court of Wards' estates. There was an instance lately of a marriage in the family of the religious preceptor of a minor, and it was the custom of the family to give presents on such occasions. Such expenditure as these was not provided for under the Act. Section 86 provided that the Collector was personally liable to be sued by a ward on attaining his majority for any acts done without authority. Now, if such expenditure, which was incurred as a matter of fact, was not legal, the Collector made himself responsible to be sucd hereafter. The object of this amendment was to legalize such customary expenditure.

The Hon'ble Baroo Kristodas Pal enquired whether the amendment would include expenditure on account of charities connected with religion. In the Paikpara estate for instance these charities had existed for generations, and it was very desirable that they should be continued. He would also suggest that allowances for these purposes should be paid out of the ten per cent. fund. If legal sanction were given to expenditure for charitable purposes without any limit, he did not know to what extent the income might be diverted to such purposes. It was therefore of the utmost importance that there should be some limit to expenditure of this description, and he thought that the ten per cent. fund for improvements should also cover the allowances contemplated by the amendment of the hon'ble member. He would move the addition to the amoudment of the following words:-

"and that such allowances and donations shall be paid out of the ten per cent. fund provided for in section 53."

The Hon'ble Mr. Bell objected to the allowances being paid out of the ten per cent. fund. The whole of the fund might be absorbed in these charitable allowances, and nothing would then be left for improvements.

The motion as amended was then put and negatived.

The Hon'ble Nawab Meer Mahomed All moved the omission from section 60 of the words from "provided also" down to "eligible," and the substitution for them of the following words:-

"and that none but a person of the Mahomedan religion shall, except in the case of

a testamentary guardian, be appointed guardian of a Mahomedan ward."

"Provided also that none but a person of the Hindoo religion shall, except in the case of a testamentary guardian, be appointed guardian of a female Hindoo ward, preference being given to female relatives if any such be eligible."

He said that this section appeared to be in conflict with the doctrines of the Mahomedan religion. Under the Mahomedan law no one could be appointed the guardian of a ward except a person of the same religion. In this section it was only provided that the guardians of the female ward should be of the same religion as the ward, and we proposed to extend that principle to the case of male wards also. Hitherto he had never seen an instance of a guardian of any other religion having been appointed to a ward of the Mahomedan religion.

The motion was agreed to.

The Hon'ble Baboo Isser Chunder Mitter moved the omission from section 72 of the words "and for the default in payment of the revenue of which the ward's share may, under the provisions of Act XI of 1859, be liable to sale," and the substitution for them of the words "and which in the interest of the ward it may be deemed proper to acquire." The object of this amendment was to provide for the purchase of a co-sharer's property whenever it was considered desirable to do so in the interest of the ward.

The motion was agreed to.

The Hon'ble Nawab Meer Mahomed All said that, according to the general Limitation Act, twelve years were allowed for the institution of suits relating to immoveable property, and three years in the case of moveable property; whereas, under section 84, only one year had been allowed for the institution of claims to wards' estates. He thought that, instead of selling such an estate after the expiration of one year from the death of a ward, arrangements might be made for its management until the determination of the right to the property in dispute. He would therefore move the substitution of the following for section 84:—

"If no suit be instituted within one year after the death of the ward to determine the right to the property in dispute, and the Court of Wards do not think fit to continue the charge and the management of the property, the Court of Wards may apply to the District Judge to issue notices of claimants, and the District Judge, on receipt of such application, shall give the said claimants notice to appear before him, and shall decide summarily to whom the Court is to make over the property."

The Hon'ble Baboo Kristodas I'al said he did not agree in the propriety of making a provision of this kind. He thought that if a claimant had any right to the property, he should come forward and institute a suit. A summary procedure for the determination of such claims would not be advisable. Court of Wards had power to make over the property to any claimant, subject to the sanction of the Board. A dissatisfied claimant had a right of appeal to the Board of Revenue; whereas, under the amendment, the claimant must be satisfied with the summary jurisdiction of the District Judge. As far as he was aware, the discretion left to the Court of Wards had not been abused. For his own part, he did think that the power to sell the property ought to be restricted. He thought that in no instance should the landed property be sold without the consent of the parties concerned. If the Court of Wards did not wish to keep the estate in charge, and desired to relieve itself of its management, it could, under the authority of the law, make over the property to any claimant it thought fit; but to sell the property because it might not be satisfied with the claim of the claimant was not, he thought, just. He should observe that this as well as other points suggested by the examination of the existing Act were not taken into consideration, because it was an instruction to the Select Committee that they should confine their attention to those points only which had been referred to them. He thought that those who had given their attention to the existing law would agree with Mr. Justice Markby, who remarked in one of his lectures on Indian Law that "one could not help being surprised at the want of precision in the language of this Act."

The Hon're Mr. Bree said that perhaps it would be more convenient that the consideration of this section should stand over. If the amendment was adopted, it would very seriously conflict with an Act passed last session, in which the Council provided for summary inquiry into cases of disputed succession. It seemed a startling provision that the Court of Wards should have power to sell an estate; but he believed the power had never been exercised.

The further consideration of the section and of the Bill was postponed.

Districts of Bengal for the Fortnight ending 31st March 1877.—(Continued.)

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- W In the interior the prices range as follow:—Wheat 14 to 20 seers, heries 30 to 40 seers, best rice 13 to 16 seers, common rice 16 to 21-8 seers, lessers naillets 32 to 45 seers, mains 30 to 40 seers, and gram 19 to 30 seers.

 X In the interior the prices range as follow:—Wheat 12 to 16 seers, barley 37-8 seers, best rice 20 to 24 seers, common rice 20 to 25 seers, lessers millets 39-2 to 45 seers, mains 30 seers, and gram 16 to 20 seers, best rice 24 to 27 seers, common rice 27 to 31 seers, and gram 16 to 16 seers.

 Z In the interior the prices range as follow:—Wheat 13 to 25 seers, best rice 20 to 28 seers, common rice 23-8 to 30 seers, b drush millet 35 to 60 seers, and gram 18 seers.

 ZI In the interior the prices range as follow:—Best rice 17-1 seers, common rice 21 seers, and gram 18-11 seers.

 Z3 In the interior the prices range as follow:—Wheat 16 to 19 seers, barley 30 seers, best rice 12 seers, common rice 23-8 to 26 seers, leaver millets 40 seers, naive 27 to 32-8 seers, and gram 20 to 25 seers.

 Datablished for common information.

Published for general information.

H. J. S. Cotton,

Jr. Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

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ı	Howrah	•••	{	Maheshrekha	ditto	0-09	6:46	ditto	
	CENTRAL	Disti	LICTS.	Saugor Island	ditto	0-20	7-90	ditto	
	34-Pergunn	a be		Alipore { Dispensary Alipore { Jail Busserhat Barasot Dismond Harbour Barripore Satkhirs Barrackboss Barrackboss	ditto ditto ditto ditto ditto ditto ur43 Nil	0-13 0-19 0-14 Not ric. 1-02 0-26 0-23 1-61 0-97	6.04 6.21 6.02 5.35 6.43 6.75 7.15 0.43	ditto ditto ditto 24th Mar. 31st Mar. ditto ditto ditto ditto	
Pantonnor.	Nuddes			Dum-Dum Kishnaghur Kongong Meherpore Cheoadanga Kooshtoa Ranaghat Jessore	ditto ditto ditto ditto ditto ditto ditto ditto	0.89 1.17 0.7 2.68 0.47 1.26 0.06	4-98 4-96 2-24 5-37 6-59 4-26 3-89 5-34	ditto ditto ditto ditto ditto ditto ditto ditto	
	Jestore			Nurrail Khoolna Jhenida Hugirhat Magoorah	0°18 0°85 Nil 0′60 Nil	1°14 Not rec. 8 60 1°40 1°43	4·67 5 () 1 7·62 6·80 5·80	ditto 24th Mar. 31st Mar. ditto ditto	
l	Moorahedab	ad	{	Rethunpore Kamporebaut Lailbagh Jungs pore Axinguage Lailgalla Kandee	ditto ditto ditto ditto ditto ditto	0·14 Nil ditto ditto 1·35 Nil U-23	4.08 4.65 64.4 4.82 4.41 6.18 4.00	ditto ditto ditto ditto ditto ditto	
;	Dinagepore	•••	{	Dinagepore	0:04 Nil	Nil 0.57	1·77 3·75	ditto ditto	_
	Maldah	•••	{	Chanchal	ditto ditto	Nil UGO	2.67 8.36 4.03	ditto ditto ditto	
	Kajebahye	•••	{ [Nattore Rungpore	ditto ditto ditto	(r03 Nil 0:21	4°18 8'03	ditto ditto	
RAJSHANTH	Rungpore	•••	{	Thewanigunge Kuriguam Ilaguegra	ditto ditto ditto	N:13 0:13 0:19	2.73 3.08 3.48	ditto ditto ditto	
۳	Bogra		{	Bogra Niorpore Nowkhilla Panchbibi Halulya	ditto ditto ditto ditto ditto	0 10 Nil 0·10 Nil ditto	9:37 3:37 1:36 1:36 2:29	ditto ditto ditto ditto litto	
Į	Pubna		{	Pubna Serajgunge	ditto ditto	U 84 U 50	7:08 4:31	ditto ditto	
. 1	Darjeoling	•••		Davjeeling Telegraph Office	ditto ditto	0.60 1.70	5:33 6:07	ditto ditto	
FKEAR.			(Julpigaree	ditto	Nil	1.73	ditto	
C00CH	Julpigoree	•••	{	Burn-Civil Surgeon's Office Titalya	ditto 0r09 Nil	0 62 () 30 1 60	3·08 4·33 4·16	ditto ditto ditto	
ĕ	Cooch Behar	Trib	itary	Cooch Behar	ditto	0-28	3-35	ditto	

•		عسسحد			<u> </u>							
	Divisions.	Dr	PRICE	3.		Statious.		Rain from 19th to 24th March	Rais from 25th to 31st March 1877.		F FROM 1st ARUARY 1877.	ROMARIA.
	<u> </u>	·	~		<u> </u>			2 3	2 R. 10	Inche	s. Up to de	ite.
	BENG	AL.—	(Conti	uned)							
	E.	a oter:	r Dies	PLICI	s.			Inche	s. Inches	•	1877.	
	Da	DCB.	•••	•••	J Dacca {	Telegraph Hospital	Office	1.4		5·0 7·0		rola
					Moonsheeg Manickgur	unge		1 10:11	95.5 15.5	14-9 3-0		
₹	Fu	rendpo	re		Furrendpor Goalando Madaripore		***	0°24 Nil 0 10	0.63	7-04 5-3-	ditto	
DACGA.	{				Rurrical	•••	•	0.01	Not rec.	6:3	24th Man	ch
	Buc	kergur	rEe	•••	Perozepore Patwoakhai Bhola	ly	•••	(rff(Nil ditto	ditto ditto ditto	5.46 6.16	ditto	From 4th February 1877.
	My	menein	gh	•••	Mymensing Jamalpore	•••	 	ditto ditto ditto	0.86 0.11 0.12	4·1: 3·:1 3·9:	ditto	ch
					Kishoregun	ge	•••	U 53	1.21	5.23	ditto	
	Chit	tagon	5		Chittagong Cox's Bagan		 	Nil ditto ditto	2·10 1·46 0·45	3-83 6-15 6-30	ditto	
0X.0	Non	kholly	•••	***	Noakholly Fenny	••	•••	ditto ditto	1.80 3.19	6·57 7·00		
CRITIAGOSO.	Tip	erah	•••	•••	{ Comiliah Brahmunbs	riah	•••	0.01 3.48	8·16 1·02	9·19 12·61		
Ş	I i	tagong		Practs				Nü	5:39	11:75	ditto	
RE	U Hill IIAR.	Tipper	rah	•	. Hill Tippen	sh	•••	4.94	1.11	12-71	ditto	
					Patna Behar	***		Nil ditto	0.08 Nil	2-98 3-63	ditto	
	Patn	2	•••		Barh Finapore	S Jail Canton	:::	ditto ditto ditto	ditto ditto ditto	3·17 2·08 2·48	ditto ditto ditto	
	Gya		•••		Gya Newadah Arungabad	***		ditto ditto ditto	0:37 Nil 0:05	8:73 3:26 0:75	ditto	Not rec. 18th to 24th February.
				į	Jehanahad	ree .		ditto	Nit	3.60	ditto	Feb.
	Shah	abad		}	Arrah Saseram Buzar	•••	:	ditto ditto ditto	0·15 Nil ditto	5:50 3:74 5:39	ditto ditto ditto	
PATTA.				(Bhubooah	•••	:::	ditto	ditto	4.80	ditto	
	Mosu	ferpor	¢	{	Mozufferpore Hajeepore Scotamurhee	•••		Not rec. ditto ditto	Not rec. ditto ditto	2·07 2·83 3 31	3rd March ditto ditto	Not rec. 18th to 24th February. Ditto ditto. Dutto ditto.
ı	Durb	hunga	•••	{	Durbhunga Mudhoobunn Tajpore	 		Nil ditto ditto	Nil duto ditto	3:37 2:8: 2:95	31st March ditto ditto	
1	Sarur	1	•••	{	Chupra Sewan			ditto ditto	ditto ditto	3-94 5-16	ditto dirro	
Į	Chun	parun		{	Motiharce Bettiah Segowlie	***		Nil ditto ditto	0.07 0.17 Nil	4·61 4·25 4·06	ditto ditto ditto	Not rer. 11th to 17th Merch. 15tto ditto.
ſ	Mong	Ь у г		{	Monghyr Begonserai Jamoose	 		ditto ditto ditto	ditto dit o ditto	2·43 2·68 4·02	ditto ditto ditto	
BRANTLPORE.	Bhagu	lpore	•••	{	Bhagulpore Sonpool Muddelpoora Banka Souburta	•••		ditto ditto ditto ditto ditto	0:07 Nil ditto Not rec. Nul		ditto ditto ditto 14h Harch 31st March	
Вили	Purne	sh	 .	{	Purneah Kissengunge Arrareah	•••		ditto ditto ditto	ditto USO USS	1:90 9:47 2:37	ditto ditto ditto	
		•		r	Nya Doomka	•••	- 1	ditto	Nil Nil	4.42	ditto	
Ų	Sonths	l Pers	unnahi	.	Rajwehal	401		ditto	ditto	0.80	ditto	
ļ					Deoghur Godda	•••		- 1	ot ree.		tth March	
				4		•••	(litto	ditto	9-33	ditto	

TOTE:	Distratore.	Stations.	from 19th th March	o from 26th 31st March 77.	JAI	PROM 10T IVARY 877.	Remarks.
DIVISIONS.			Rain from to 24th 3 1877.	Rain fr to 31s 1877.	Inches.	Up to date.	
ORI	SSA.		Inches.	Inches.		1877.	
		Cuttack { Telegraph Office Hospital Jaipore Kendraparah	Nil ditto ditto ditto	0'80 0 80 0'10	2·90 2·00 8·15 6·00	31st March ditto ditto ditto	
ı	Cuttack	Jugutsingport	ditto	1.80 0.20	1.80	ditto	
1		Palse Point	ditto ditto	0-75 0-88	6°70 3°85	ditto ditto	
ORINA	Pooree {	Khurdsh	ditto	0.38	8.81	ditto	
5	Balasoro <	Balasore { Exc. Engr.'s Office Collector's Office Bhadrack Jellasore Serah Chandbally	ditt., ditto ditto ditto ditto ditto	0°53 0°67 0°18 0°08	3-60 3-63 8-56 6-10 5-51 5-78	ditto ditto ditto ditto ditto ditto	Not rec. 4th to 10th March.
- (Cuttack Tributary Mehal	1	ditto	020	6-90	ditto	
	CHOTA NAGPORE.						
	SOUTH-WESTERN FROSTISE AGENCY.			<u> </u> 			
	Hazareobagh	Hazareehagh { Jail Dispensary Pachumba	ditto ditto ditto	0°28 0°30 0°07	5·49 8·36 5·78	ditto ditto	
	Lohardugga	Ranchee	ditto ditto	0.02 0.10	8·46 5·60	ditto	
	Singbhoom	Chyebassa	ditto	3.24	9-56	ditto	
	Manbhoom	Puruliah Goviudpore	0.07 Nil	1.07 Not rec.	5·31 6·14	ditto 21th March	, -
	ASSAM & ADJACEN HILLS.	r					
	Sylhet	Sylhet	1.10	1.68	7.76	31st March	
		Seelsauger tiolaghat Jorehant Decuant	1.46 0.56 2.03	Not rec. ditto ditto	0.41 7.32	94th March ditto ditto	
	Sechaaugut	Hattispootie Mazongah Nazostali suntock	1.85 2.02 1.61 1.66 1.28	ditto ditto ditto ditto ditto	7·79 6·39 6·85 7·42 6·72	ditto ditto ditto ditto ditto	
		Akyab	2-15 Nil	ditto Nil	0.40	ditto 31st March	
	RAJPOOTABA	Alwar Japar Sumbhar	ditto ditto ditto	ditto ditto ditto	Nij 0:25	ditto ditto ditto	

CALGUTTA, The 7th April 1477. A. Pedlue,

Offg. Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Re	port for the period let	to 7th April 10mm
	Lava sou ama hattan TBI	JUU IUU ADEII I <i>RTI</i> I

<u></u>			1		Barometer	Hypn	ONTER.	hei	Win	<u></u>	<u></u>		
STATIONE		Date.	Hour	Barometer reduced to 82°.	reduced to sea- level,	Dry.	Wet.	Hamidity Rat.=100.	Direction.	\ elecity	Rain.	Clouds.	Weather initials.
CAECUTA.	Ap	2nd 2nd 3rd 4th 5th 6th	16 10 16 10 16 10 16 10 16 10	30°064 28°957 30°100 29°957 30°048 30°061 30°916 29°916 29°93 20°831 29°751 29°787 29°823	30************************************	720 82:3 80:2 82:3 72:0 7:0 86:8 74:2 83:0 83:0 71:0 71:0	74-8 74-8 74-8 74-8 74-9 74-0 74-0 73-4 75-0 73-4 76-0 73-4 76-0	64 77 48 75 85 82 52 74 63 50 83	N E W R SW SN W SN W E by N SE SA W E by S S W S by W S by W		147	8 K K K, CS C K, C	•
SAUGOR ISLAND.	Ap	oril 1st 2ud 3rd 4th 5th 6th 7th	10 18 10 16 10 16 10 16 10 11 10 16 10	80-076 29-959 30-041 20-975 30-045 30-045 30-945 31-908 3-7073 20-869 20-938 20-701 20-405 20-828	301 89 201065 311087 201081 311051 311051 311070 211117 20103 201874 211944 201943 201871 201871	79 81 83 83 83 75 81 84 83 84 81	73 76 76 77 71 73 74 78 77 75 76 78	85 67 71 71 76 81 87 87 87 67 68 79 86	8 W 8 R R W 8 R R N W 8 R W 8 R E 8 R E 8 R E 8 R E 8 R E	7:3 4:9 6:9 6:8 15:3 4:5 10:1 12:1 10:3 16:0 14:9	0°20	P, N P K8 K8 K8 K8 K8 FF FF K9 K9	o, l, r, t v, a b, v b, v c, a c, a c, a c, a c, a c, a c, a c, a
CEITTAGOFG.	Арв	sil 1st 2nd Srd 4th 6th 6th 7tb	10 16 10 16 10 16 10 18 10 18 10	20-008 20-014 30-011 20-449 20-603 20-402 30-402 30-403 20-801 20-801 20-801 20-801 20-801 20-801	30*001 30*043 30*135 20*97 1 30*087 20*085 30*45 29*081 30*456 30*40 20*40 20*40 20*40 20*40 20*40 20*40	81 70 76 85 77 71 81 78 86 74 81 71	73 68 69 74 71 71 68 70 68 69 68	67 80 69 68 73 65 75 74 65 26 26 44 86	BRE R N N N N N R R R R R R R R R R R R	1.6 5.6 7.3 3.7 1.2 7.3 0.4 5.3 9.5 9.5 4.2	 (r35)	CS CS CU P K KS CC KS CC	g g b, v b, v b, v g c, g m v c, g b, v r p, t
MADEAS.	April	31st 2nd 2nd 3rd 4th 6th	10 16 10 16 10 16 10 16 10 16 10 16	29-170 29-817 30-1009 20-1009 20-1003 20-1013 20-1019 20-1051	20102 20180 30 (30 20118 30 (06 20108 20108 20108 20108 20108 30120 20185 30120 20185 30186 20186	85 85 86 80 87 80 86 80 87 88 88	76 76 77 77 77 77 78 77 77 77 77	61 65 61 66 62 61 61 65 66 65 66	SKbyS NE NK ESK KbyN EYS ENK ENK KNE KNE KNE KSE KSE SE	12			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CUTTACE.	Apri	2nd 2nd 3rd 4th 5th 6th	10 10 16 10 16 10 16 10 16 10 16 10	20-DRG 20-803 87-609 20-817 20-817 20-108 20-708 29-168 29-743 20-709 20-709 20-709	30069 29'045 30'030 29'128 30'081 19'954 30'078 29'930 29'930 29'930 29'930 29'940 20'940 20'759	79 85 84 98 81 79 78 87 84 80 80 80 87	70 70 74 75 73 73 70 73 74 76 78 76	61 47 67 70 80 60 70 50 70	W K W W S W S S E K S W S W S W S W S W S W S W S W S W S	1·1 4·0 0·2 5·3 4·0 2·6 4·8 4·3 7·6	0·10 J 0·30 G	CK, PK, C CK, PK, C CK, PK CK, PK CK, CK CK, CK, C CK, CK, C CK, PK, C K, PK, C	b c, t a p a c b t c b p t
AKTAB.	April	2nd 3rd 4th	10 16 10 16 10 16 10 16 10 10 16 10 16	90°031 20°988 30°089 20°079 30°080 20°018 30°080 20°38 20°38 20°840 20°840 20°840 20°840 20°840 20°851 20°852	30'052 29'009 30'107 20'909 30'104 29'039 30'061 29'039 30'061 29'039 29'07 30'02 29'979 29'911	87 85 89 85 81 90 84 75 87 86 81 81	76 77 73 75 08 66 69 72 71 74 71	58 64 44 61 40 23 44 56 36 48 68 55 50 80	SENW NW NE NW WW WW WW WW WW WW WW WW WW WW	7.6 3.6 12.1 8.7 6.8 7.3 1.9 6.0 1.0		'K, N 'K, N !K, N !K, N !K, N !K, N	

· Velocity of wind in miles per hour.

Calcutta. The 7th April 1877. A. PEDLER,
Offg. Moleorological Reporter to the
Government of Bengal.

7 : 3

Results of the Meteorological Observations taken at Alipore Observatory from 1st to 7th April 1877.

_ 	an inte		 -			1			··· ·· ·				"	
1		romete	T ₁		TUBB.	. <u>.</u>		Ivaro	KRTRY.		Wind.			
Mont b.	Date.	Mean presence; bare at 32? Fab.	Mean.	Maximum.	Raige.	Miniwam.	. Mean wet bulb.	· Vurour tension.	Dew point.	Homidity.	Prevailing direction.	Miles recorded.	Itain.	Weather.
		Inches.	0	0	ဂ	0	0	Inch.	ဂ					
1877. April	1st	30 .000	74.8	82 0	189	66·1	60-3	0 651	66.2	75-5	Midnight to 1 P.M., veried from S. S. E. to W. through E. and N. till midnight S.S.E.	05		Overcast and 'gloomy, pallio cirrus, pallio cumulus; night chiefly clear.
	2nd	•014	73-9	80:3	55-7	66.1)	GĐ-Đ	679	67.7	81.0	Till noon S.E. till midnight 8.S.W.	103		Sky partially cloudy, cumulus; night clear.
	3rd	100.	72.0	89-0	10.5	79-8	car 1	-674	G7·5	86°0 - - -	Till noon S. till 3 P M., veered E to N. till midnight K.	125	1-11	Overeast and dark, pallio cirrus and pallio cumu- lus; strong wind, hail- stone, volent ram, the nder and lightning from 2-30" to 2-50 r.m.
	4th	20-1789	75:3	84.3	20-8	65:5	68-1	-605	61.4	0 95 ;	Til 5 p.m., S.S. W. till mid- night, vened through W.N.]56	 ! !	Sky partially cloudy Pallium and emailus.
	d)a	903	75.3	82-6	147	67-9	Gr5 	-615	669	. 73·5 i	Till 3 r.x., E. till midnight 8. E.	147	! !	Sky partially cloudy. strong wind in the morning.
	eth	-831 	78-1	€7-6 :	18:6	69-0	72-0	7:5	U9 A		Till 5 P W., S. W. till mid- night backed through S. to E	219		sky chiefly clear.
	7th	-837	70-1	72°0	3.5	68-5	67-1	-637		. 60·2	East	192	(°61	Gloomy and overcast, and rame almost throughout,

The mean temperature of the seven days	•••	7.4·2°
The average temperature of the corresponding period for 20 years		81.50
The extreme variation of temperature during the seven days	•••	23·8°
The maximum temperature during the seven days	•••	89:3"
The mean humidity during the seven days	•••	78·0
The total fall of rain from 1st to 7th April		1:65 inches

The mean pressure, temperature, &c., are deduced from observations made at Gh., 10h., 16h. and 22h. The maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew observatory. They are exposed under a thatched shed open at the sides and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, at the Surveyor General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rangange is one foot above the ground.

H. F. Blanford, Meteorological Reporter to the Government of India. Calcutta, the 9th April 1877.

Abstract of the Results of the Hourly Meteorological Observations taken at the Surveyor-General's Office, Calcutta, in the month of February 1877.

LATITUDE 22° 33' 1" North. Longitude 88° 20' 34" East. Height of the cistern of the standard barometer above the sea level, 18:11 feet.

MON	THLY RE	SULTS.			Inches.
Mean height of the barometer for the month					30.032
Max. height of the barometer, occurred at 10	A.M. on th	e 15th	•••	•••	30.223
Min. height of the barometer, occurred at 3 P	м. on the	4th	•••	•••	29.813
Extreme range of the barometer during the m	onth		•••		0.410
Mean of the daily max. pressures		•••	•••	•••	30.108
Ditto ditto min. ditto		•••	· ·	•••	29.977
Mean daily range of the barometer during the	month	•••	•••	•••	6.131
y and a competition and a comp		•••	•••	•••	0 101
					₩
Mean dry bulb thermometer for the month	•••	•••			68.0
Max. temperature, occurred at 4 P.M. on the 28	3th	•••		•••	86.0
Min. temperature, occurred at 6 A.M. on the 4	th & 11th	•••	•••	•••	56.0
Extreme range of the temperature during the	mouth	•••	•••	***	30.0
Mean of the daily max. temperature	•••	•••		•••	76.3
Ditto ditto min. ditto	•••	•••			60.9
Alean daily range of the temperature during the			•••		15.4
			•••	•••	
Many and ball thermometer for the worth					0.2.0
Mean wet bulb thermometer for the month	11 41	***	•••	•••	65.0
Ditto dry bulb thermometer above mean wet l	outo the rm	ometer	•••	•••	6.0
Computed mean dew-point for the month	••• .		•••	•••	57.2
Mean dry bulb thermometer above computed r	nean dew-	point	•••	•••	10.8
•					Inches.
Mean elastic force of vapour for the month					0.476
mean clustic force of Arbon, for one month	•••	•••	•••	***	0.470
					Troy Grain.
					•
Mean weight of vapour for the month	• • • •		•••	•••	5.25
Additional weight of vapour required for comp				•••	2.28
Mean degree of humidity for the month, comp	lete satura	tion being u	nity	•••	0.70
					e
Mean max. solar radiation thermometer for the	month	•••	•••	•••	130.7
					Inches
•					Inches.
Rained 7 days,-max, fall of rain during 21 ho)UFB	•••	•••	•••	1-00
Total amount of rain during the month	•••	•••	•••	•••	2.20
Total amount of rain indicated by the gauge*	attached		ometer du	ring the	
month:	•••	•••	•••		1.61
Prevailing direction of the wind	•••	•••	•••	WNV	V & N W.
- · · · · · · · · · · · · · · · · · · ·					

[•] Height 70 feet 10 inches above ground.

GOPPENAUTH SEN,
In charge of the Observatory.

The 6th April 1877.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Kendrayara Canal for the month of January 1877. LENGTH OF CANAL OPEN-39 MILES.

	PRI	PRIVATE TRAFFIC.	TRAFFIC.					STORES A	XD MAT	ERIVES !	ES AND MATERIALS FOR IRRIGATION WORKS.	NOILVE.	WORKS.					ABSTRACT	.CT.	1	!	
	APPRO	APROXIMATE	TONNAGE OF	6		 494 1			APPROXIMATE	l .	TONKAGE OF BOATS.	i		ny bet				g				ojj bet
Nature of cargo.	Weight	Value of cargo.	Mrts. 1	E E E E E E E E E E E E E E E E E E E		5. 	fon mile.	Nature of corgo.	Wedght of cargo.	Value of of cargo.	Mrls. T.ms.	medim noT	Tollage.	Male of the solution of the so	To Todan Z	Value of traffic.	of of cargo, careo.		.onsunoT	Ton mileng - -	Tollape.	Rate of t ton mile.
	_	_ _	-	-	-			LOCAL TR	L TRAFFIC.					-								
• ••••	-			. 		A. P. A. P.	p.		. Nde.	.			Rs. A. P.	A P			Xile.	ä		ä	A. P.	A. P.
	E S	철			_					-		_		;	14: 1	oral	3	18,130	762 10	19,730 194	e 4	
:	5 3	_			2 E	e c			: :	! :	. : : ;	: :	::	:		Gart, st. res	: 1			. _ _	;	•
;	2.52.1	 .			_				:		:	:	:	: :	: 1		: ;			-	· ·	
Series						٤:	:			:		: :	::	: :	:	•	: !			_		
	_				_	0 42	:			:	: : 	 : 1	:				:			-	-	į
Timber						=			: :			:	: :	: :	: :	•	: :	! !	· ·	- : ;	: :	li
Ollerie					22	=	••			 [: : : :	: ;		 :	 : :		-				-	:
Laterite stone		ាន	1	e = ;		50			:::	- : :	::		: <u> </u>	::	 i :		- · : : : :		- - ! !	: ; ! !	 []	1
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Total	9,589	18,750	8	2 22	181	: :	<u>:]</u> .]				: :				1	-	÷		<u> </u>	<u> </u> -		
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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCII, BENGAL.

ORISSA CIRCLE. Statement showing the total amount of Traffic and Tolls on the High Level Canal for the month of Junuary 1877.

LENGTH OF CANAL OPEN-37 MILES.

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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Taldunda Canal for the month of January 1877.

LENGTH OF CANAL OPEN-27 MILES.

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PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Kidnapore Cunal for the month of January 1877.

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Meteorological Telegraphic Report for the period 6th to 12th May 1877.

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JOHN BLLIOTT, M.A., Meteorological Reporter to the Government of Bengal.

Results of the Meteorological Observations taken at Alipore Observatory from 6th to 12th May 1877.

•		in ete	TEMPERATURE. HYGROMETER. WIED.											
Mont h.	Date.	Mean pressure; harometer at 32° Fab.	Mess.	Maximuin.	Range.	Minmam.	Mean wet bulb.	Vapour tension.	Dew point.	Homidity.	Prevailing direction.	Miles recorded,	Rain.	Weather.•
1877.		Inches.	Ð	Θ	Θ	0	Θ	Inch.	ө				Inch.	
May	6l b	29 677	H2-8	01:1	16:3	76-1	73-0	0 678	67-0	GO	Till 7 a.m. N., veered through S.W. and N.W., till midnight S. through W.	187	Nil.	Cloudy day and night.
	7tև	•707	80-6	94.2	21.2	73.0	71:4	-640	€0. T	03	Till noon W. N. W., till 9 P. M. N. by W. through S. and W., till midnight S. through W.	134		Morning clear, cloudy till evening. Strong wind at 5-27 P.M. t and l at 5-39 P.M., d at 5-50 P.M. night partially cloudy.
	8th	-702	81:3	94.0	18-3	75-7	73·6 [°]	-726	69-0	68	Till 9 A.M. S. through W. N. and E., till v r.m. S., till midnight N. W. through W.	133		Till 4 P. W. clear, night cloudy, I from 7 to 10 P.M. Strong wind at Så v.M., tat 10 P.M.
	9th	·810	77-0	93-8	28.5	70-8	73-5	-767	71.3	80	Till 7 A.M. S. veered through N. and E., till 1½ r.M. S.E. through W.N. and K., till mid night S., back again through E. N. and W.	116	U-43	Till afternoon partially cloudy: d at 2-35 r.m. o. and 9.
:	10th	718	H\$-8	94.3	17:8	77'0	78-4	-919	76.4	81	Chiefly South	101	.	Partially cloudy till evening ; mght clear.
	11th	-693	81.8	99-8	20.8	78-5	77-6	·853	74.1	72	Till 2 P.m. N.W. through W., till midnight, S., buck again.	111		Clear.
	19th	'081	81-7	984	18:8	70·6	81-3	1 023	79-9	85	Chiefly South	185		Partially cloudy day and night.

		Inch.
The mean pressure of the seven days		29.727
The average pressure of the corresponding period for 20 years		29.679
		е
The mean temperature of the seven days		82-1
The average temperature of the corresponding period for 20 years		85.3
The extreme variation of temperature during the seven days	•••	29∙0
The maximum temperature during the seven days	***	99:3
The mean humidity during the seven days		75·
The total fall of rain from 6th to 12th May 1877	•••	0.43 inch.
The average fall of the corresponding period for 24 years		1.11

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h; the maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain gauge is one foot above the ground.

H. F. Blankond, Meteorological Reporter to the Government of India. METEOROLOGICAL OFFICE, INDIA, the 14th May 1877.

PUBLIC WORKS DEPARTMENT, - BENGAL.

General Establishment -No. 161.-The 13th May 1877.

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G. A. D. Anler, c.e., .4ssf. Secy. to the Goet. of Bengal, P. W. Department.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL,

ORISSA CIRCLE.

Statement showing the total amount of Traffic and Tolls on the Kendrapara Canal for the month of February 1877. LENGTH OF CANAL OPEN-39 MILES.

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[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MAY 2, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GARRITH may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making

Laws and Regulations.

Saturday, the 28th April 1877.

Present:

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, presiding, The Hon'ble G. C. Paul, Acting Advocate-General,
The Hon'ble H. J. Reynolds,
The Hon'ble T. E. Ravenshaw,
The Hon'ble S. C. Bayley,
The Hon'ble Baboo Ram Shunker Sen, Rai Bahadoor,
The Hon'ble Baboo Reser Chunder Mitter, Rai Bahadoor,
The Hon'ble Baboo Kristodas Pal, Rai Bahadoor,
The Hon'ble Baboo Kristodas Pal, Rai Bahadoor,
The Hon'ble Nawad Meer Mahomed Ali,
The Hon'ble H. F. Brown,
The Hon'ble F. Jennings, and
The Hon'ble Raja Pramatha Nath Roy, Bahadoor.

PROVINCIAL PUBLIC WORKS CESS.

The Hon's Le Mr. Reynolds presented the report of the Select Committee on the Bill to provide for the levy of a cess for the construction and maintenance of provincial public works. It was not necessary for him to make any lengthy remarks on the subject, as the Committee had made hardly any

changes in the Bill, and such as had been made were of no great importance. It had been provided that the notices served under the Road Coss Act might also include notice of the amount due on account of the public works cess. This amendment was intended merely to promote convenience and to save expense. The two cesses would, however, be kept separate and be specified separately in the notice. But as both the cesses were payable in the same instalments and on the same dates, there was no necessity for the issue of separate notices. The Bill also provided for the publication of an annual statement of accounts, and conferred on the Lieutenant-Governor the same power to make rules as was conferred by the Road Coss Act. These were all the amendments that had been made by the Select Committee, with the exception of one or two verbal alterations. In the preamble of the Bill the word "charges" was inserted in addition to the words "construction and maintenance." It had since been suggested to him that there might be a doubt whether that would be sufficient to cover the charges for interest. The word was inserted with the express object of covering those charges, and it appeared to Mr. Reynolds that it would be sufficient to include the charge for interest. He would now move that the report of the Select Committee be taken into consideration in order to the settlement of the clauses of the Bill, and that the clauses of the Bill be considered for settlement in the form recommended by the Select Committee.

The Hon'ble Baboo Kristodas Pal said that, before the Council proceeded to take the report of the Select Committee into consideration, he wished to make one remark. The object of the Bill was to enable the local Government to raise sufficient funds for meeting the liabilities which had been thrown upon it by the Government of India. The amount which the local Government was required to raise was Rs. 27,50,000. But from information which he had received from the mofussil from well-informed persons, it appeared that the new Land Registration Act which had been lately put into force was likely to bring in a large amount of stamp revenue; it was estimated by competent persons that the increase of stamp revenue might amount to Rs. 50,00,000. He was not in a position to say whether that estimate was correct; but if the Government got a good windfall, it was worthy of consideration whether it was necessary to impose the new tax this year. The stamp revenue derivable on registration was sure; applications must be made by landlords, and as a large number of powers of attorney must be executed, a large accession of revenue might be thus looked forward to. His object in drawing attention to the subject was that as the stamp revenue had under recent orders been made over to the local Government, the increase would go to that Government, and if it should obviate the necessity of additional taxation this year, the Council would gain time, and would be better able to adapt the scheme of taxation to the views, feelings, and wishes of the people. He did not say that this windfall would obviate the necessity of taxation altogether, but it would give time to the Council to consider the most suitable form of taxation. He did not intend to make any motion, but merely threw out this suggestion for the consideration of the Council.

His Honor the President said that, with reference to the remarks of his hon'ble friend, he must say that he was not prepared to withdraw the present Bill upon the very vague statement that there was something being done which might bring in an increase of the stamp revenue. He had no doubt that the working of the Land Registration Act would have some effect upon the stamp revenue, but what the result would be nobody could say, or what amount would be collected under that Act in the different districts. Therefore he thought that on anything so vague he should not, after accepting the responsibility he had incurred in regard to providing the interest on the capital expended in extraordinary public works, be justified in setting aside the Bill before the Council on an estimate of possible receipts under the Land Registration Act. If there was any unexpected income of money under that head, it would stand to the good of the province and might possibly go towards the reduction of taxation in the coming year.

The motion was then agreed to.

Section 1 empowered the Lieutenant-Governor to exempt any district or estate from the operation of the Act. On the motion of the Hon'ble

Mr. Reynolds the words "and may at any time, by a similar notification, cancel such exemption" were added to paragraph 2. It seemed necessary to provide for a possible cancellation of an order of exemption.

The Hon'ble Mr. Reynolds withdrew the amendment to section 8 of

which notice had been given.

The Hon'ble Nawar Meer Mahomed All said that under the Road Coss Act the coss was recoverable by sale of the moveable property of the defaulter. It was difficult to conceive why the mode of realization under the present Bill should be different. Arrears of income tax or license tax were realized from the defaulter by civil suit, and in such cases a sum of double the amount due was levied by way of penalty, and realized by sale of the moveable property of the defaulter. But section 8 of the Bill was more stringent than all the former Acts that had been passed. No difficulty had, he believed, been experienced by Government in realizing any tax that had been imposed upon the people; he was at a loss therefore to know why such a stringent provision had been adopted in this Bill, especially when it was considered how submissive and law-abiding the people of Bengal were reputed to be. He thought an arrear of revenue and an arrear of tax should not be realized in the same way. He would therefore, with His Honor's permission, move as an amendment in section 8 the substitution of the words "section 23 of Act X of 1871" in lieu of all the words after the word "demand" in line five.

The Hon'ble Mr. Reynolds said that this section was unanimously agreed to in Select Committee. He thought his hon'ble friend was under a misapprehension as to the effect of the section. It was not proposed to recover arrears under the Sale Law, but under the certificate procedure of Bengal Act VII (B.C.) of 1868, which was a more convenient mode of recovery than the procedure prescribed in section 23 of the Road Cess Act. The procedure of Act VII of 1868 was not one of unusual stringency, as the same procedure applied to the Butwara Law, the Embankment Law, and the Irrigation Law, and several other public demands were also made recoverable under that procedure. He might also mention that the Board of Revenue had represented that the procedure prescribed by the Road Cess Act was cumbrous and inconvenient, and had suggested its amendment, and therefore there was no necessity to retain in any new measure a procedure which had been found to be inconvenient.

The Honer Nawab Meer Mahomed All observed that these cesses were generally realizable from the zemindar, and it would be sufficient to make them recoverable by attachment and sale of moveable property, as a zemindar would immediately pay up the amount of cess to preserve his position and honor and dignity. As he had said before, the people of Bengal were more submissive and obedient to the law than the people of any other part of the country, and he thought some special consideration should be shown to them.

The Hon'ble Mr. Reynolds said he thought that the wishes of his hon'ble friend would be met if in section 5 of the Bill the figures "23" were inserted between the figures "22" and "24," and if section 8 were omitted altogether. It did not appear to him to be advantageous to maintain the road cess procedure, but perhaps it was desirable to observe the same procedure for both cesses for the present; and in the event of the Road Coss Act being amended hereafter, the certificate procedure under Act VII of 1868 might be made applicable to the collection of both cesses. He would move the amendments to which he had referred.

The Hon'me Mr. Reynolds' amendments were put and agreed to.

RATE UPON IRRIGABLE LANDS.

THE HON'BLE MR. RAVENSHAW said that the Select Committee on the Irrigation Cess Bill had found it impossible to submit their report within the time prescribed. He would therefore move for an extension of two weeks' time, and that the Hon'ble Mr. Bell be substituted in the Solect Committee for the Hon'ble Mr. Bayley, who would shortly leave the Presidency in attendance upon His Honor the Lieutenant-Governor.

The motion was put and agreed to.

The Council then adjourned to Saturday next, the 5th May.

RESOLUTION ON THE BUDGET ESTIMATES OF THE CALCUTTA PORT COMMISSIONERS FOR THE YEAR 1877-78.

GENERAL DEPARTMENT .- MARINE-CALCUTTA PORT TRUST.

Calcutta, the 25th April 1877.

READ-

Letter No. 3629 of 15th March 1877, from the Vice-Chairman to the Port Commissioners, submitting the Budget Estimates of the Port of Calcutta for the year 1877-78.

Read again-

Letter No. 72 of 6th April 1877, from the Vice-Chairman to the Port Commissioners, pointing out that by a clerical error the salary of the Superintendent of Inland Vessels' Wharves has been calculated at Rs. 350, instead of Rs. 400 per mensem, in estimate No. 14 (page 16 of the Budget Estimates).

Letter No. 976 of 5th April 1877, from this Government to the Port Commissioners, calling for the detailed estimates of receipts and expenditure and opening balance of the Capital account, and for a statement of ways and means of that account.

Letter No. 129, dated 12th April 1877, from the Vice-Chairman, Port Commissioners,

submitting the above information.

The estimates have been drawn up in the same form as last year, and are composed of the following parts:-

Part I.—Jetties.

Part II.—Inland Vessels' Wharves.

Part III.—Strand Bank Lands.
Part IV.—Port or River Division.
Part V.—New works.

The first four parts compose the Revenue account, and the fifth the Capital account.

2. The appendices to the estimates give details of the establishment and charges which are distributed over the several parts. This distribution has been made in the same proportions as were adopted in the estimates for the

year just ended.

3. Appendix A.—The expenditure on account of control establishments has been estimated at Rs. 1,02,454 in 1877-78 against Rs. 97,518 in 1876-77, The excess is due to the payment of being an increase of Rs. 4,936. additional fees to Commissioners for attending Sub-Committee meetings, to increase of establishment in the Correspondence, Accounts, and Store Departments, and to the Workshop establishment, which had hitherto been charged direct to works, being now included in this appendix, and to increases in the salaries of the Superintendent and Assistant Superintendent of Machinery.

Appendix B.—The estimated cost of establishment, of working expenses, and of repairs to the dredger has exceeded that of last year by Rs. 4,280. The increase is owing to provision being made for the employment of an additional gunner for the Hopper Barges, to the increase in the salary of the present gunner, and to the increased provision for repairs. An estimate of receipts for towing vessels by the Hopper Barges has been added to this appendix, calculated on the actual amount recovered in five months of the year just closed. Deducting these receipts (Rs. 20,000) from the estimated expenditure, the total cost of dredging during 1877-78 is reckoned to be Rs. 16,986 as against Rs. 32,706 in 1876-77.

Appendices C, D, E, and F call for no special remarks.

4. In the estimates numbered 1 to 42 are given the details of income and expenditure of each of the four parts, viz :-

1 to 11. Details of Jettics, Part I.

12 to 19. Details of Inland Wharves, Part II.

20 to 25. Details of Strand Bank Lands, Part III.

Details of Port or River Division, Part IV. 26 to 42.

5. The following are the noticeable points in connection with the detailed estimates:-

Receipts from Jetlies. Estimate No. 1.

(1). The receipts from imports are reckoned at Rs. 5,08,556, and those from exports at Rs. 86,280, making a total of Rs. 5,89,836. This total, as compared with that of the previous year, shows an increase of Rs. 47,836 in both the sources of income under this head, which is satisfactory.

Salaries of Jetty Establishments. Estimate No. 4.

(2). This estimate exceeds that of last year by Rs. 13,559. The excess is owing partly to provision being made for the permanent employment of an Additional Deputy Superintendent and of a Time-keeper under the head "Jetty Office," and partly to increases in establishments under the heads "First grade tallymen," "Sorters," "Gunners," "Import Warehouse" "Gate officers," "Baggage Warehouse," "Export Sheds," and "Crane Establishment."

Establishment for 30-lon Crane. Estimate No. 5.

(3). Rs. 5,808 have been estimated as the cost of the establishment which it will be necessary to employ when the crane is completed. It is considered that the provision made will be ample for the purpose, but until some experience has been gained in the working of the vessel, it will not be possible to form an exact estimate of her requirements.

Working expenses of Jetties. Estimate No. 6.

(4). The estimate under this head is Rs. 65,656 against, Rs. 59,284 in 1876-77. The increase (Rs. 6,372) is due to the provision for coolie labour for exports being increased by Rs. 2,772, and that for steam and hydraulic cranes being increased by Rs. 3,600.

Renewal of Rolling Stock. Estimate No. 7.

(5). Rs. 7,000 have been provided for replacing a number of worn out trollies and hand trucks by new ones. As this stock will not go towards increasing the block, the charge incurred in its purchase is debited to revenue.

Municipal Taxes on Jetty Enclosures. Estimate No. 8.

(6). The municipal tax will amount to Rs. 31,602 against Rs. 33,640 in 1876-77. The decrease of Rs. 2,038 is due to the reduction of \(\frac{1}{2} \) per cent. in the house and police rates.

New works to be met from Jetty Revenue. Estimate No. 10.

(7). The sum to be transferred from Revenue to the Capital account for new works will amount to Rs. 87,890 against Rs. 1,06,500 in 1876-77. Of this sum, Rs. 72,890 will be required for the extension of the jetty heads, and for providing additional shed accommodation at the jetties, and the remaining Rs. 15,000 will be required for converting Mullick's Ghât into quarters for the Jetty Police.

Receipts from Inland Vessels' Wharves. Estimate No. 12.

(8). It is estimated that the receipts from Inland Wharves will give an increase of Rs. 44,000 in 1877-78 as compared with the preceding year. The estimate is based upon the actual receipts of the first ten months of 1876-77.

Receipts from Tramsoay. Estimate No. 13.

(9). The receipts under this head are estimated at Rs. 36,000. This estimate is based upon an average monthly income of Rs. 3,000, but it is deemed probable that, when the tramway which commenced working from January last gets into full work, the figures given in this estimate will be considerably exceeded.

Salaries. Inland Vessels' Wharves. Estimate No. 14.

(10). The estimate for salaries shows a decrease of Rs. 3,912, viz. from Rs. 51,780 in 1876-77 to Rs. 47,868 in 1877-78. The decrease is owing to reductions in establishments employed at the Inland Wharves.

Tramway Establishment. Estimate No. 15.

(11). The cost of the establishment which it is considered will be required when the entire line of tramway is opened is estimated at Rs. 14,928. But the cost of the present establishment is Rs. 774 per mensem, or Rs. 9,288 per annum.

Tramway Working Expenses and Repairs. Estimate No. 17.

(12). Rs. 15,750 are reckoned as the cost of working expenses and repairs to the line of tramway.

New works from Revenue of Inland Vessels' Wharves. Estimate No. 19.

(13). Three sums are to be transferred from Revenue to the Capital account for new works, viz. a sum of Rs. 53,593 for completion of new road north of Aheereetollah Ghât, a sum of Rs. 52,000 for pitching slope in front of Mint, and Rs. 25,000 for metalling the Inland Vessels' Wharf; the total amount being Rs. 1,30,593 against Rs. 73,500 in 1876-77.

Strand Bank Rents. Estimate No. 20.

(14). The receipts estimated at Rs. 1,22,794 show an increase of Rs. 18,000 as compared with the previous year. This estimate is based upon the actual receipts from the monthly rental of the Strand Bank lands.

Repairs and Improvements, Strand Bank Lands. Estimate No. 21.

(15). There is an increase of Rs. 13,600 as compared with the estimate for 1876-77, owing partly to the provision of Rs. 10,000 for widening roads and constructing foot-paths and drains, and partly to the provision of Rs. 3,600 for raising low lands.

Salaries. Strand Bank Lands. Estimate No. 22.

(16). The estimate, Rs. 2,032, shows an increase of Rs. 636 as compared with the preceding year. The increase is due to the horse allowance of Rs. 30 per mensem made to the rent cellector, to the entertainment of a monthly writer on Rs. 20, and to the raising of the head peon's pay from Rs. 9 to 12 per mensem.

Municipal Taxes on Strand Bank Lands. Estimate No. 23.

(17). The decrease of Rs. 457 in the amount of the municipal taxes is owing to the reduction of half per cent. in the house and water rates.

Receipts from Mooring Hire. Estimate No. 26.

(18). The receipts estimated at Rs. 2,15,000 show an increase of Rs. 3,000 as compared with the previous year. The estimate is based upon the actual receipts of 1875-76, and not of 1876-77, as during the latter year the receipts increased considerably, owing to the additional tonnage employed in the conveyance of rice from Calcutta to Madras.

Receipts from Harbour Master's Department. Estimate No. 27.

(19). The collections from the Harbour Master's Department have been reckoned at Rs. 1,40,000 against Rs. 1,85,000 in 1876-77. The estimate under this head is also based upon the actual receipts of 1875-76, and not of 1876-77, as the carnings during the latter year were very materially augmented by the frequent entry and departure of steamers engaged in carrying rice from Calcutta to Madras.

Moyapore Magazine. Estimate No. 29.

(20). An income of Rs. 6,000 is estimated, being a decrease of Rs. 1,500 as compared with the estimate (Rs. 7,500) for the year 1876-77.

Interest of Government Securities. Estimate No. 31.

(21). There will be an increased income of Rs. 1,810 over the estimate (Rs. 21,110) for the year 1876-77.

Fines for Breach of Port Rules. Estimate No. 34.

(22). The receipts are estimated at Rs. 1,000, showing an increase of Rs. 600 as compared with 1876-77. The estimate is based upon the actual receipts of the past year.

River Police Establishment. Estimate No. 35.

(23). There is an increase of Rs. 540 in the cost of establishment as compared with the estimate for 1876-77, owing to the pay of the Superintendent of River Police having been increased by Rs. 60 per measem, or Rs. 720 a year. Of this sum (Rs. 720), one-fourth (Rs. 180) is borne by Government, and three-fourths (Rs. 540) are defrayed by the Port Commissioners.

Salaries of Port Works Establishment. Estimate No. 40.

(24). The estimate for establishments employed on port works shows an increase of Rs. 144, which is due to annual increments of pay under the head "Port Pilotage Collecting Department," but this increase is reduced by Rs. 48 by a revision of establishment under the head "Steam Launches Vectis and Phillis." The total increase therefore is Rs. 96.

Pensions and Gratuities. Estimate No. 42.

(25). The estimate under this head shows an increased expenditure of Rs. 238 as compared with the previous year.

Probable balance on the 1st April 1877. Estimates Nos. 43-46.

(26).	" III.	Jetties Inland Vessels' Wharves Strand Bank Lands Port or River Division	•••	•••	Re. 15,640 8,303 6,322 26,544
	" V.	Capital account	•••	Total	56,809 1,80,162
			Grand	Total	2,36,971

Loan and Interest Account.

(27). The Commissioners make provision for payments from revenue on account of interest and sinking fund as below:—

						Rs.
Debitable	to Jetties	•••	•••	***		1,55,598
,,	to Inland Whar		•••	•••	•••	1,36,490
,,	to Strand Bank			•••	•••	32,977
"	to Port or River	r Division	•••	•••	•••	87,963
				Total	•••	4,13,028
"	to Bridge	•••	•••	•••	•••	2,762
			Gra	nd Total	•••	4,15,790

Of this total, Rs. 3,04,491 are payments on account of interest, and Rs. 1,11,299 are repayments of principal. The total loan liability of the Commissioners at the close of the year 1876-77 is Rs. 51,54,515-4, exclusive of the original port debt of Rs. 17,65,000, the principal of which is not repayable.

Revenue Account.

(28). The following tabular statement shows the estimate of the Revenue account from 1st April 1877 to 31st March 1878.

Estimate of Receipts and Expenditure for 1877-78.

RECEIPTS.

							_
Particulars.		Jetties.	Wharves.	Strand Bank.	Port Preper.	Bridge.	Total.
		Rs.	Rs.	Ba.	Rs.	Rs.	Rs.
Balance on 1st April 1877	!	15,610 5,95,836	8,353 4,14,000	6,323 1,22,794	26.545 4,56,016	2.702	54,869 15,75,449
Total		6.11,476	人出法明	1,29,116	4,02,509	2,742	16,12,217
Payment of interest and sinking fund on le New Works Repairs and Inxes Establishments Establishments Engineering United State Working expenses Reserve fund Renewal of stock	COR.13	1,55,569 N7,N90 57,2 45 1,44,369 4,662 35,010 70,752 10,000 4,000 7,000	1.36,490 1.37,545 30,504 63,394 2,331 15,009 36,736	32,977 2,012 2,214 5,013 77,202	87,963 17,134 1,96,107 35,019 37,894	2,762	4.13,790 2.18,483 1.35,771 4,95,934 19,324 90,049 1,50,372 10,000 41,293 7,000
Insurance		*****	*****	3,000	55,110 4,010		3,0% 88,11c 4.01c
Total	[6,82,464	4,14,138	1,13,412	4,83,427	2.762	15,44,185
Probable balance on 31st March 1878		20,010	12,165	15.674	29,233	*****	240,042
	'	[!		i	<u>.</u> .

^{* 1}f Rs. 2,762 be deducted on account of bridge from the Revenue account, the receipts and expenditure will be as follows.

ipts 15,50

The above estimate shows that there will be a probable balance of Rs. 86,082 at the end of the current year.

New Works.

(29). The assets and outlay on Capital account for new works may be shown as follow:—

Loans to be applied for 6,50, 2,00,	i.
Rs. 87,890, Part II, Rs. 1,30,593, and Bridge, Rs. 15,000 2,33, Undrawn balance of sanctioned loans	
Undrawn balance of sanctioned loans 1,31, Loan applied for, but not yet sanctioned 70, Loans to be applied for 6,50, Other receipts 2,00, Total 12,84, Add available balance on 1st April 1877 1,80,	483
Loan applied for, but not yet sanctioned 70, Loans to be applied for 6,50, Other receipts 2,00, Total 12,84, Add available balance on 1st April 1877 1,80,	000
Other receipts 2,00, Total 12,84, Add available balance on 1st April 1877 1,80,	000
Total 12,84, Add available balance on 1st April 1877 1,80,	
Add available balance on 1st April 1877 1,80,	000
•	483
Grand Total 14 64	162
Grand 10tal 14,02,	645
Outlay on account of new works 14,64,	645
Probable balance on 31st March 1878 N	il

The Commissioners propose to expend all the receipts of the Capital account on new works, so that there will not be any balance at the close of the year 1877-78.

6. In accordance with the provisions of section 50, Act V (B.C.) of 1870, the Lieutenant-Governor approves the estimates of income and expenditure of the Port Commissioners for the year 1877-78, and again congratulates the Port Commissioners on the benefits which they have conferred on the port by their administration. His thanks are specially due to the Chairman and Vice-Chairman for their careful and efficient discharge of their duties.

By order of the Lieutenant-Governor of Bengal, II. J. REYNOLDS, Offg. Secy. to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 28th April 1877.

			 .	.			:."	
1	No.		District, an retur		ite oi	i	Rainfall at Sudder Station in inches.	
B.K.	NG	: A I	' L					
	••••		 Western Di	istri	rls.			
1		;	Burdwan,	Apl	.30*	77	Nil	The crops now on the ground, namely cotton, til, and sugarcane, are doing well. Public health is fair.
		2	Bankoora,	••	28	,.	. Nil	Weather—Dry and hot. The state and prospect of the crops are as favourable as before.
DIVE.		3	Beerbhoem,	,,	왜	••	NU	Weather—Very hot, but quite seasonable. The state and prospects of the crops continue good.
BURDWAN DIVE.		4	Midnapore,		28	,,	Nil	Weather—Very dry and hot. Most of the first ploughings are over, and prospects are promising.
Ber		5	Hooghly,		28	••	Nil	Wenther—Very warm and close. Lands are still being prepared for the rice sowings. The cuttings of sugarcane are being planted, and those already planted are doing well. Vegetables are in good condition. Cholera is still prevalent, and cattle disease has broken out in many places.
i			Howrah,		28	••	Nil	Weather—Seasonably hot. No crops on the ground,
			Central D	istr	icts.			
ی		6	24-Pergunnahs.	Ap	1.30,1	†'77	Xil	Weather—Seasonable. No crops on the ground. The public health in general is good.
r Div		7	Nuddes.	,,	28	**	Nil	Weather-Very hot and dry. Rain is now required for the early rice crop. Sowings still continue. Cholera has appeared in several parts of the district.
PRRSIDENCE DIVE.		8	Језно го. :	•	26	••	12	Weather—Hot and dry. The continued drought is enabling the ryots to plough and sow the low lands that were flooded by the previous rain. It has, on the other hand, not been favorable to the rice in the higher lands, and has been somewhat injurious to indigo. The prospects, however, are generally good.
į		9	Moorshedabad.	,,	28	••	Nii	Weather—Hot. The condition of born rice is good, and the cultivation of aman and bhadoi crops is going on favourably. Prices are steady. Cholera in a spermatic form is still reported.
	ſ 1	10	Dinagepore,	"	27	••	Nil	Weather—Getting warm. Wind from the west <i>Bhadoi</i> or early rice, teon millet, jute, and sugarcane are above the ground. Ploughing for the late rice is being pushed on. A good deal of cholera exists in the district.
17.8.	1	1	_i K gishubye.	•	설명		Nil	Weather Very hot and suitry till Friday evening when a strong breeze sprung up from the south-cast and reduced the temperature, but no rain fell. Rice is being sown, and indigo is promising, but rain is much needed.
	1	12	.Rungpotr,		27		Ni)	Weather.—Very warm and dry. The early rice is looking well. The state and prospects of other creps are satisfactory. Small-pox is reported to have broken out in Chilmari and Bhowanigunge.
Curke	1	3	· Bogra, ·	••	28	•	Nil	Weather—Dry and clear. No rain, and intense heat. The sowings of jute nows and booms vice, and til, are still being carried on. The plantation of sugarcone has new been completed.
RAJSHAHTE AND CHICH BEHAR	1	1	Pubun,	••	28	••	1-45	Wenther—Very hor till the noon of the 27th April, when a cyclonic storm of short duration, but of great violence, passed over the station. The state and prospects of the crops continue to be good. A native doctor has been sent to treat cases of cholera at Shazadpore.
KAJSH	1	15	Darjeeling.	**	27	••	152	Rain fell heavily on the 25th and 26th April, and a good deal of hall with strong winds, thunder, and lightning. The sky is still very threatening. The young crops of Indian-corn, rice, warea millet, and potators in the hills are doing well. The sowings of early rice in the plains are progressing.
	1	6	Julpigorce,	19	28		Nil	Weather The days are very hot, but the rights are still cool. State and prospects of the crops are satisfactory. The early rice sowings are nearly complete.
1	••		Cooch Behar,	••	26		Nit	Weather—Fair, sunny, and hot. No rain this week. The cultivation of bitri- dhan is going on steadily, and the weather is very favourable. China and know also look well. Public health is good, but fever appears to be prevalent, and in Mathabhanga there is still small-pox.
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[•] Telegram of the 30th April shows rainfull during the seven days immediately preceding.

[†] Report of the 30th April shows rainfull during the seven may immediately preceding.

1	No.	District, au retu		e of	Rainfr at Sudd Station inches	er Character of the weather, and prospects of the crops, and in state of health at date.
BE	NG 41	l. – (Conlinued.)		İ	
		Eastern Distri	cts.		i	
1	17	Dacea,	Apl.	30*	77 -23	Weather Warm and sunny. The state of the crops is favourable Boro dhan, or spring rice, is being cut. Cholera is prevalent in parts of the district.
	18	Furreedpore,	,,	29	61	Weather—Unsettled. There was a high wind followed by rain on the 27th April. The rainfall at Goalundo has been 2.15 inches. The cultivation of land for the rice crops is in progress, and the prospects will be good with no more rain for the present.
DACCA DIVN.	19	Backergunge,	•9	26		Showers are reported to have fallen in the interior of the district, but generally the weather during the week has been hot and more seasonable, with a southwest wind blowing. From four thans the crops are reported injured by the late heavy rain, but is other parts of the district they are good. Cholera in a sporadic form and fever prevail throughout the district, with the exception of four thanss. The health of the cattle is good.
	.50	Mymensingh,	,,	27	. 36	Weather—Sunny, with hot winds during the daytime. Stormand rain on the 27th April. The sowings of areas rice and jute are still in progress. Bore rice has been cut, and the yield has been generally good, except in a few places where damage was done by hail-storms.
į	81	Tipperab.	٠	27	,, 2·25	The weather is unusual, and there is a good deal of hail and rain. There will be difficulty in sowing the aons crop in the low lands, which are much water logged in many places.
	24	Chittagong,	••	26	i 1-09	Weather Hot and close. The prospects of pasia aons are good. The rain will facilitate the sowing of other aons crops. Cholern is still prevalent in the south of the district, and small-pox is reported from head-quarters.
CRITTAGONG DIVE.	23	Nonkholly,	3 1	2 6	. 35	Weather—Very hot during the week. Slight rain fell on the 21st April. Pulses, chillies, &c., are doing well, and some are being gathered. The cultivation for the rice crops is now going on. Prospects are better. Cholera still prevaiss in thansa Begungunge and Fenny.
CRITTA	21	Chittagong Hi 1 mets.		24	5	Weather Very hot at daytime throughout the week. Cloudy in the evening of the 20th, 21st, and 22nd Aprit. The hill people are engaged in burning their juous.
į uri	L Hak.	Hill Tipperah,	"	25	67	Weather—Hot and occasionally cloudy. The state and prospects of the cropare good.
{		Patna,	Apl,	30• ;	777 Xil	WeatherSeasonable. The harvesting of the rather crops is well nigh completed. Health of the district is generally good.
	26	lGya,	,.	28	" i Xii	The sky was more cloudy than is usual at this time of the year. The maximum reading of the thermometer in the shade was 1048°. The harvesting of the rabbee crops is still going on in parts of the district. Cholera threatens Gya Town. It originated in an encompment of opium assamess outside the town.
اغ	27	Shahabad,	••	28	" Nil	Weather—Stifling and cloudy. Hot westerly winds generally prevailing. The rubbee harvest is being threshed. Sugarcane is mostly planted.
CATEA DIVE	28	Durbhungs,	••	28	" Nii	Weather—Seasonable. East winds blowing. The cubber crops have been all harvested.
A.	29	Mozusterpore,	19	25	" Nil	Weather—Seasonably hot with west wind. The prospects of the crops are satisfactory, but rain is wanted for indigo. Ploughing for the bhadoi crops is going on. With the exception of small-pox at Shewhur, the general health is good.
ĺ	80	Sarun,	••	28	03	Weather—Dry and hot. Strong west wind in the afternoons. No changes since last report. Indigo and cheena are doing well. The early rice is being sown and augureano is being planted. General health is good.
į	31	Chumparuu,	*7	28	" i Nii	Weather—Clear and seasonable. The harvesting of the rubber crops still continues. Prospects are very good.
j	82	Monghyr.	••	28	" Nii	Wenther-Hot winds in the day; cool at night. The outture of the cable crops is satisfactory.
BRAGULFORE DIVE.	83	Bhaguipore,	•,	30•	X.	Weather—Seasonable. The sowings of the early rice have begun in the north The only other crop on the ground is sugarcane, which is at present good Cholera is spreading, and is still had in the town.
IAGULFOR	84	Purneah.	11	28	Nil	Weather—Hot and seasonable. Wind mostly from the west. The rice sowing are going on favourably, and indigo promises well. Choicen is reported all along the east of the district.
Æ	85	Maldah,	••	설정	" Nil	Weather—Fair and very hot, with occasional violent winds in the day. The crops are as good as before. 179 deaths from cholera reported.
	36	Sonthal Pergh	ø, "	29	" Ni	Weather-Hot, but cloudy. No crops to report on.

3	To.	District, ret	and dat turn.	e of	i	Ruinfall, at Sudder Station in inches.	
OR	ISSA.				į		
Div.	37	Cuttack,	Apl.	28	777	1-21	Weather - Generally very hot and dry. Heavy thunder-storm at head-quarters on the 27th April. The sowings of early rice are beginning. Prospects are generally good.
URIESA L	38	· Pooree,	39	26		Nil	Weather- Cool up to 8 o'clock in the morning; days are very hot. The harvest- ing of the dalaa crop still continues. The state of the crops in general is fair. Rice is a little cheaper. The public health is good.
,	39	Balasore,	••	27	,	Nil	Weather—Very hot with strong sun. Ploughing and manuring continue. Many deaths from cholera soil occur both at head-quarters and in the interior, of the district.

CHOTA NAGPORE.

South-West Frontier Agency.

- 41 Lonardugga, ... 28 ... 25 The heat has been unsensonably moderated by storms. The rubber harvest has been ecompleted. It was probably not equal to an average crop. The mahra crop is short. It is being gathered. General health is good.
 42 Singbhoom. ... 27 ... Nil Weather Seasonable. No crops to report about. A fire broke out at Chychassa on Sunday, the 22nd April, which destroyed 97 huts and some property, but no distress is anticipated. The district is healthy.
- mo distress is anticipated. The district is healthy.

 43 Manihoon. ... 28 Nii Wenther- More seasonable as to heat, but somewhat unusually clouded. Nothing new to report. Boro dhas and cotton are good. Sugarcane is mostly planted.

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Published for general information.

CALCUITA, STATISTICAL DEPT., The 1st May 1877. H. J. S. Corrox.

Jr. Seeg. to the Goet, at Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

	Districts.	STATIONS.	from 8th 14th April	om 16th 1st April	JAN	ROM 18T	Remarks
	Pibraicia.	!	to 14	Rain from to 21st 1877.	Inches.	Up to date.	
	AL.		Inches	lnches.		1877.	
1	WESTERS DISTRICTS			i S vo	5:7-1	21st April	
1		11	1°1 1°1	0 ditto	9-6	ditto	
	Hurdwan		1·3 1·0	3 ditto	7°05 3°91	ditto	
11		Kaneegunge	O.Q		3:00 7:25	ditto !	
! !,	Hankoora	1	0.8	g ditto	4:76	ditto	
1:	1/mile0012	Sooree	. 00		6.50	ditto	
	licerbhoom	Hetainpore	04 02		7.57 4.60	ditto :	
Ш		class.		i	0.15	ditto	
		m		i	7:49	dute	
۱۱:	Midnapore	di Ghattal		g : ditto	7:91 8:95	ditto (l
11		Contai Dy. Collr.'s Office		•	9:77	ditto	
П		Line (Exe. Engr.'s Office	i 10	i. ditto	6.63	ditto	!
	Hooghly	Scrampore	10		821	ditto	
-	Howrah	i Howrah Maheshrekha	1	12 ditto 24 ditto	10·47 7·17	ditto	l
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ļ	CENTRAL DISTRICT	C Survey I land	1	yo : ditto	9.10	ditta	i
l		Calcutta	or	82 ditto 11 ditto	9:01	ditto	:
- 1		Alipore { Dispensary Jail	0	ettib gg	9 16 5 98	ditto	Not reed. 8th to 14th April
ا	24-Pergunnahs	Russecrhat Baraset		os dirto	7'81	ditto	
ij		Damond Harbour Barrio ro		on dato ar ditto	11:30	: ditto	:
		Satkbira	: 3	96 ditto 93 ditto	12.51 7.75	ditto	i
		l'Dum-Dum	1	77 : ditto eri - 0.63		. ditto . ditto	
. []		Kishnoghur	1	no (rk)		ditto	İ
CHIUMMOT.	Nuddes	Meherpore Ch-oudanga	0	y, (1°2)		ditto	
		Keoshtos Ranaghat		77 · Nd 42 · 15:	2 7.9	ditto	i
		Jessore Narrail		96 - 03 96 - 03	8-21	ditto	
	Јевкоте	Khoolna	1	07 078 1 Nil	8 12 PS 12:44		
		Bagirbat	4	65 14 10 Nil	7 17:34 11:44		
		(Berhampore	0	ic atto			
- [Lalingh		32 - Not re	c. 81.53		
į	Moorshedahad	/ Jungypore Azinennge		62 Nil 79 Not re	e. S.5.	14th April	l;
	:	Lathedia Kandee	0	rāā Nil Bi ditto		, 21st April Fj. ditto	İ
	i i	(Dinagepore		as dista			
ŗ	Dinagepore	Rivinge	···:: 9	ren ditto 120 : ditto	5.65		!
	Maldah	· 🧗 Chanchal	i 1	ist qui	410	i i di t to	!
ا ان	Rajshaliyo	Bauleah Nattofe	N	il date	6.38	ditto	
KAJSHAHYE.	•	Rungpore Bhowanigunge	: (riio ditto	4 1:	s j ditto	
1	Rungpore		: (-99 ditte r95 ditte	4-31	ditto	į
۱ ک		Bogra Sherpore:	j) no	6.1	7 ditto	İ
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ļ	Pulma	j l'ubna		0-60 : Nil 1-06 ditte			1
•		" { Seraggunge		1-81 Not r	-		,[
•	Darjeeling	Darjesling { Telegraph O		1-91 : (m			
BEHAR		Julpigoree		3:86 Ni			1
£ (Julpigores	Buza—Civil Surgeon's C)ffice	989 : ditt 231 : ditt	o ; 9*()	n diffic	
CUOCH	1	Titalya		(-42 ditt	1	ì	
	Cooch Benar Tribut	ry Cooch Behar		3·81 din	o '97	6 dicto	l

DIVISIONS	Du	TRICTS		Ята	Tions.	Rain from 8th to 14th April 1877.	Rain from 15th to 21st April 1877.	JA	FROM 157 HUARY 1877.	Каманца.
DIA						tein 18:1	1877	Inches.	Up to date	
				<u>:</u>		· ==	-		<u>'</u>	· ·
	Bengal—((:OHE/#	und).] 		Inches	.: Inches.		· 1877.	;
	EASTER	Dist	RICTS.			i i	. Inches,		1077.	
	1		(Dans (Tel	egraph Office	1.01		8-95		
1	Dacen	•••	{	Indexa & Ilo	spital	1::31	:	12 13	•	
	1		Į	Moonsheegung Manickgunge		1:00 1:67		21:0-1 7:15	ditto 11th April	
	i Furredje	·Fe-		Furreedpore Goalundo		1.01		11:63 8:-0	21st April ditto	
PACCA.	i direction	•••	(Madaripore		1.73		12'63	ditto	
آءً ا	 - Backergm	****	ſ	Burrisal Perozepere		3·01 1·27	' Nil	20:10	ditto ditto	
ı	: : : DMcEcten	164-	<u>"</u>]	l'atoonkhally ishola	-	3.00) 3.00)		1327	ditto : atto .	From 4th February 1877.
	i		,	Mymensingh		(*13	i Nil	6 17	ditta	:
- (C: Mymensıı	ıglı	}	Jamaljere Atia		0.26 2.30	ditto	4 08	dirto ditto	• •
			(Kishoregunge		0.18	0.15	9-18	· ditto	•
ſ	 - Chittagon	ď.	{	currence ()	felegrach Offic ad	0714	ditto	7:50 7:60	ditto	
j	:		(Cox's Bazar		0.30	0.43 qirro	1072	ditto ! ' di:to	•
ě	Noakholly		{	Noakholly Fenny		063	0.02	6.71	ditto	•
THITAGONG.	Tipperah		{	Comillah Brahmunbarial	L	. 1·27 093	1·70 3·11	14·33 17:22	ditto ditto	
اع	Chittagon	, Hill T	ructs	Rungamatee H	1211	Nil	; Nii	12.87	ditto	i !
- {	Hill Tippe			Hill Tipperah		0.98	. 041	14.61	ditto	
BEI	HAR.		,	Poins		Nii	Nil	3-11	ditto	<u>;</u>
,	Patna			Rehar Bark		ditto	ditto	4·03 3·22	ditto	:
İ	;	••		Dinapore }	9 - : 1	Nil	ditto	2º77 2º57	ditto ! ditto	;
Ì	:		r	laga	•••	ditto	011	418	ditto	
1	: Gya		{	Newadah Arungabad	• •	i 41.0	Nil ditto	1.371	ditto . ditto .	Not recorded 18th to 24th February, Not recorded 12th Jan. and 4th to 10th February.
ł			Ų	Jehanahad	•••	ditto	ditto	5.50	ditto	tota rengaly,
	!		(Arrah Susseram		ditto ditto	out Nil	6:41 4:14	ditto ditto	
	Shahab a a		{	Buear Bhubooah		. 007	oroz Nil	11:3 48:6	ditto ditto	•
PATA.										2 at mount take trust 10 1
74	 Mozufferpe	re	{	Mozufferpore Hajampore		वाध	Not rec.	7 83 3-00 - 3-55	ditto	Not reed, 4th to 10th March, Ditto ditto Ditto duto.
-	<u>;</u>			Nectamurhoe Durbhunga			Nil		21st April	4110.
	Durbhung	٠	{	Madhoobunnee Tajpore		0.81	ditto ditto	4 36 3 1 3	ditto ditto	
İ	Sarun		S	Chupra		Not rec.	ditto	4 31	ditto	Not reed, 8th to 14th April.
1	178(1811	•	[]	Newan	••	- No.	ditto	6:32 0:32	ditto	l ato diffe.
	Chumparu	n,	{	Motiharer Bettiali			ditto	4°25	ditto	Not real, let to 7th April.
				Segowlic		. 0.90	ditto	7:31	ditte	
ſ	Monabyr		{	Monghyr Begowerai		. ditto	Not rec.	5.41	14th April dutto	
			(: _j	Jamooce		. ditto	ditto	6.04	ditto	
<u>.</u>	101-	_	\iint	Bhagulpore Scopool Muddebpoora	:		Nil.	3:15 3:40 4:56	21st Ap ri l ; ditto ; ditto ;	
TEPORE.	Blangulpere	• •••	-1	Muddelipeera Banka Sonbursa	•••	Nil diam	ditto ditto	111 261	ditto	•
۲٦				Purucab		. 078	ditto	440	ditio i	
1	Purnesh		{	Kissengunge Arrareab		. 0'81	ditto citto	4 53 4 18	ditto . ditto	
			r	Nya Doomka		1.91	ditto	7:31	ditto !	
	,,-1 Ja.	Teruliii.	<u>,]</u>	Rajmohal		. Xil	di tt o	()7N)	ditto	
	μυ 170	, w 41114	1	Doughur		1.80	ditto	8:37	ditto	Not, reed. 25th to 31st March.
			Ĺı	(iodda		0.30	ditto	5.80	ditto	Ditto ditto.

) 46.	District	ı.	STAT	io rs .	from 6th 14th April 7.	rom 16th st April	JAT	PROM 187 FUARY 877.	Remarks.
DIVISIONS		-			Rain 14 16.7.	Rain from to 21st 1977.	Inches.	Up to date.	
RI	88A.				Inches.	Inches.		1877.	
		•	(T	elegraph Office	1.20	Nil	5 ·10	21st April	
	:	i	Cuttack {11	latique	1.47	ditto	5.29	ditto	
_	:	- 1	Jajpore		0.70	Not rec.	19:45 10:40	14th April ditto	
	Cuttack	1	Kendraparah Jugutsingpore		2·80 0·40	ditto ditto	3.22	ditto	
1			False Point	•••	20.02	Nil	30-7 0	21st April	
1	!		Poorce		0.37	ditto	6.70	ditto	
	· Pooree	{	Khurdah		0.81	0.08	6.48	ditto	
ił	1	•	CE	xo. Engr.'s Office	0.08	0.08	6-98	ditto	
,	•		Isalasore & Co	ollector's Office	(0.83	0.02	6:45	ditto	Ned much 4th to 10th Mr.
	!	,	Phadrack		184	Nil	12.83	ditto	Not reed. 4th to 10th March.
ı	Bulasore	1	Jellasore		1.61	0.03	9·77 8·74	ditto ditto	
		į	Sorah Chandbally	***	2·46 1·60	Nil 0.55	11.08	ditto	
l	Cuttack Tributar	Mchal	Sumbulpore	***	0.18	Nil	6-39	ditto	
	CHOTA NAG				1				
•	SOUTH-WEST	TRN			į		İ		
	FRONTIER AG		i		}	1		į	
			Hazare-bagh	(Jail	0.30	ditto	6.32	ditto	ľ
	Hazareebagh	}	tresstenosku	(1)ispensary	0.28	ditto	9-14	ditto	ł.
	<u> </u>	(Pachumba		0.44	ditto	6-68	ditto	
	i		Ranchee		0.19	0.18	9-67	ditto	1
	Lohardugga	··· {	I'alamow		£114463	Nil	6.07	ditto	
	Singbhoom		Chyelmssa		0.60	ditto	11:81	ditto	
	Manbhoom	§	Puruliah Govindpore		1.08	ditto	6:88 7:29	ditto	Not reed. 25th to 81st March.
	! ! !	•			003	direc	"-		
	ASSAN & ADJ. HILLS.	ACENT							
	Sylhet		Sylhet	***	0.63	0-7-1	9-95	ditto	
	1				1	Mat	11:07	1 tob 4	
	ł	- 1	Scelsaugor Golaghat		1.20	Not rec.	11.51	14th April deto	'i
	!		Jorehaut		241	ditto	11.45	ditto	1
	i		Deopanie		2.18	ditto	11 20	ditto	1
	Scebsauger	₹	; Hattiepoolie	•••	2.11	ditto	11.04	ditto	1
	1		Mazengah	***	1.75	ditto	10:22	ditto	1
	I		Nazcerah		1.88	ditto	10.28	ditto	I
	i		Suntock Cherideo	•• ••	1.54 2.51	ditto ditto	10.68 13.70	ditto . ditto	1
	1		Akyab	***	Nil	Nil	!	21st April	
	j					1		į į	
			Alwar	•••	ditto	ditto	Nil	ditto	
	RAJPOOTAWA	1	Jaipur Sambhar	***	ditto	0.25 Nil	0.83	ditto	l .
					. witto	. 4711	. 0.03	· wilo	•

CALCUTTA, The 28th April 1877.

JOHN ELLIOTT, M.A.,

Meteorological Reporter to the Govt. of Benyal.

Meteorological Telegraphic Report for the period 22nd to 28th April 1877.

			Barometer	Barometer	Hyano	MRTER.	<u> </u>	WIND	•		1	
	Date.	Hour.	reduced to 32°.	reduced to sea- level.	Dry.	Wet.	Humidiry Sat.=100.	Direction.	• Volocity.	Rain.	Clouds.	Wonth
أم	April 22nd	10	29:783	29-801	8e-3	79-9	66	8870		*** **	lc	İ
П	•	16	70.033	29.04)	07:0	76-7	37	8 W		*** ***	1 C	!
Ш	23rd	10	20 751 20 602	20.700	80-8 94-6	81·6 78·3		88 W		•••	CS	į
П	24th	16 10	20.705	90-020 90-743	80.6	96 a 80 3	46 65	s by W ssW	i		C	6
П		16	29.055	29.073	8×.0	79-7		8 by W				6
IJ	25th	10	29.764	29.782	91.8	73-9	40	WŔW				1 6
11	001	16	29.055 29.749	20.473	80.7 89.1	76.3	36	W S W S S W			CK	1
П	26t b	16	20.413	29·767 29·661	95.8	77:3 70:9	62 40	ESE	i		CS	ı
Н	27th	10	29.758	29-806	9.18	78.7	67	SSW		** ***	C, CS	1
Н		16	29.760	29.778	97.3	79.3	43	W by N		******	C	1
U	28th	16	29.426 29.416	29·844 20·733	81.3	74·3 78·1	42 43	N by W W by N		••• •••	C	1
r	April 23ud	10	20-70-1	20-800	87	82	80	s w	20-0	*** ***	FK	b, m
	23rd	16 10	20.446	20:372 20:712	87 86	83 81	84. 80	8 a W 8 W	16.9	*****	PK PK	b, m
П	2014	16	50.0×1	29.697	67	83	84	88W	14.0	•••••	FŘ	b, =
П	24th	10	29.791	20.797	87	83	84	8 W	15.7		FX	h, a
П		16	20.681	21)*(HO 21)*77(1	88 99	¥1	81	8 8 W	11.7	••• ••	C	6, =
∢!	25th	! 30 i 16	20.770 20.679	78.082	91	79 83	60 67	8 W 8 .	5·9 8·3	••• ••	PC	b, m
L	26th	iŏ	29.764	29.700	90	83	78	W	12.]	******	C	b, m
		16	29.052	58.624	94	81	55	N W.	5.6	•••	PC	b, m
	27th	10 16	29 790 29 (8) 1	29.802	88 90	83 81	80 66	88 W 88 E	. 4.3 . 80 .	*** ***	C K	b, m
I	28th	10	29.8:13	291838	91	70	48	, N.	4.3	*** ***	C	b, m
ι		16	20.737	29.743	90	81	66	88 W	7-9	••••	PC	b, ==
ſ	April 22nd	10	29.750	29:851 29:747	87 86	80	72	SSW	7.6	•••	K K K	
ı	23rd	16) 20·065 ; 29·723	29.810	86	79 80	7≌ 70	s W s	2.2	2.20	R	7
ľ	i zoru	16	29-655	29.747	87	80	72	8	301		K	
I	24th	10	29-702	29.854	86	79	73	8	4.6		K	ð, v
1		16	29-655	29·747 29·819	87 87	80 79	72 63	8 8	18-3	*** ***	K	1:-
₹.	25th	10	20.727	29743	89	83	77	Waw	7.1	******	K	b, m
ı	26th	10	29.717	58.808	89	81	. 69	RSE	4.9		K	b, m
ı		16	29.605	2)1.642 2)1.642	91 85	83	70	Wĸw	6.8	•••••	C K	b, =
ı	97th	10	29.754	29.711	8H	83 83	76 76	Calm. 8 S W	8.0 8.9		FK	0, #
ı	2816	16	29.776	20.547	88	61	73	888	1 6.6		ck.	<u> </u>
į		16	39.679	29.703	88	81	73	ន	14.0		KF	240
•	April 21st	10	29-911	29.933	01	75	45	S by E	12	*** ***		6
ı	· -	16	29.801	30.843 38 853	87 90	71	63 53	HE	16 12			b, c
ı	22nd	10	29.743	20.766	86	77 70	61	S by E	18	******		1, 1
I	23rd	io	29 ×62	29.874	88	77	50	8 by E	11	••••		b, c
	1	16	29.736	29.768	87 88	76	68	S E	15			4
Į	2-14 h	1 10	29.761	29.783	86	77	60 61	SSW SEby E	10 12			c
1	25th	16	29.4.6	20.897	90	76	60	8 by E	8			6
]	16	29.754	29.776	87	76	58	ENE	14			6
١	26th	10	29 833	29.854 29.737	90	77	63	SEby S SEby E	11 14			6, 0
İ	27th	18	29.716 29.400	710.RHR	88	76 78	61 56	S E by S	, 12			c, 0
١	3711	10	29-763	29.775	89	77	56	SE	11			6
_	! :April 22ud	1	20-730	29-811	80	70	, au	wsw	4.3		ļ	6
ſ	izgrīti spilli i	16	20.002	29.641	102	73	91	NNW	3.3	•••••	CK, C	1:
	23rd	10	20.720	29.440 29.440	82	79	64	88W SSW	4.5	••••	CK	6
Į	: 24h	16	20.240	58 951	92	75 78	99 51	S S W	4.8		C, CK) c
1	, SHD	10	29'617	24.040	89	7-1	27	W	0.4		ļ PK	6
	25th	10	20.730	28.092 58.810	98	7-1	33	NW	2.9		Crpr	15
}	gast.	16	58.080 58.019	29.770	96	74 76	! 30 34	WWW	5·2		CK, PK C, CK	e c
	26th	10	29·(41)	59.090	97	72	. 26	WKW	5.6		K, PK	c
	27th	10	29.730	29.819	96	78	20	WXXW	2.0		U	9
İ	Taras	16	29:018	20.943 20.848	79	76 73	31 70	W N W	4·0	1.00	PK PC	P
l	28th	10	29-428	20 730	91	73	39	w	7:8		CK, C	1
•	April 22nd		29.873	20:804	90	79	60	s w	3.0	1	CK	1
i	23rd	16	29.744	29.765 29.867	91	78	05 67	W	8.2		CK	1
ı	ווונים	10	29.733	20.754	87	79	69	wsw	100		C	1
.	24th	10	20.861	20.683	87 88	78	65	N N W	1·7 8·3		CK, N	1
1	25th	16	29·734 20·893	29.755 29.814	90	79 80	66	8 W	2.2		CK, N	
₹	. 3018	10	20.721	20.746	89	80	Œ	W	6.6		C	i
1	26th	10	29.778	20-794	89	80	63	8	2·0 7·3	•••	C	i
i	anti-1	16	29.601 29.838	58.898 58.663	91	81	69	w s w	2.3	-01 101	CK, N	1
1	27th	10	29.709	29.730	88	81	73	W	8.3	*****	CK	1
	28th	10	20.863	20°884 20°709	• 91 90	81	68	S W S W	1.2 6.3		CK	1
ı	1 50111	,	20.748			1 81	1 G 6					

• Velocity of wind in miles per hour.

John Klliott, M.A., Meteorological Reporter to the Government of Bengal.

CALCUTTA, The 28th April 1877.

Results of the Meteorological Observations taken at Alipore Observatory from 22nd to 28th April 1877.

_		oweter	T:	EXPES!	TURE.]	LTARO	ETRY.		Wind.	. .			
Mont b.	Date.	Mean pressure; barometer at 32° Fab.	Mean.	Maximum.	Range.	Ninitaum.	Mean wet bulb.	Vapour tension.	Dew point.	Hamidity.	Prevailing direction.	Miles recorded.	Rain.	Weather.	
	! !	Inches.	0	0	O	0	0	Inch.	0	!			Inch.		
1877. April	22nd	29 714	sto	977	20:2	77.5	70.3	10801	72-8	(19	Till noon 8.8, W., till midnight 8.	136	Nil.	Sky partially cloudy: clouds Pk, K, and C.	
	23rd	-702	8 3 ·8	97-0	10-7	77-9	77.9	· **72	75-1	75	Chiefly South	190	Nil.	Morning clear : partially cloudy till evening ; clouds K, Ck, and C : night clear.	
	94th	-708	81.1	984	21'2	772	78:2	·885	75-6	75	Chiefly South	169	Nil.	Clear during the day; night partially cloudy; clouds Us.	
	25th	-707	85:7	1004	24-1	760	74.7	713	69-1	68	Till 7 a.w. South, till 2 r.w., veered to W.N.W. round 8.W., till mid- night S., back azain through W. & 8.W.	91	Nil.	Morning very clear: afternoon partially cloudy; clouds Ck. & U.; night clear.	
	20th	OHB	86:3	69-1	21·1	78°0	76·4	-776	71.6	61	Till 9 A.M. S., fill 7 P.M. veered round W. to N.N-W., fill midnight S. through W.	85	Nil	Cloudy thick in the afternoon; clouds Ck.	
	27th	723	85.6	94.7	21-2	77-5	77*2 :	, '820 ! !	73 8	, e66	South till noon, till midnight verred round W. N. & E. to S.E.	122	Nil.	Sky partially cloudy; day and night cloud- C. & K.	
	28tp	755 !	81.7	08-0	21.1	77:5	· 74°5	721	: 60·5	do :	Till noon veered again to N.W., through E. & N, till midnight, veered to S.S.W., round W.		Nil.	Sky partially cloudy; day and night clouds K. & C.	

* Pk. Palhocumulus, K. Cumulus, C. cirrus, Ck. cirrocumuli, Cs. cirrostrati.

		Inch.
The mean pressure of the seven days		29.714
The average pressure of the corresponding period for 20 years	***	29.744
		Θ
The mean temperature of the seven days	•••	84.9
The average temperature of the corresponding period for 20 years		84.2
The extreme variation of temperature during the seven days	•••	28:0
The maximum temperature during the seven days	•••	100:4
The mean humidity during the seven days		66.
The total fall of rain from 22nd to 28th April	•••	Nil.

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h. and 22h. The maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the raingauge is one foot above the ground.

^{*} H. F. Blanford, Meteorological Reporter to the Government of India. Meteorological Office, India, the 30th April 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 21st April 1877, on 1,279? miles open.

		COACET	ra !	Tra	yyio.			M erce.	AND	143 AYD	Mı	1 2	BAL TRAF	PIC	1		TR	TRAIN MILES ROY.		
: ·	No. of Passengers. Coaching receipts.				Weight Receipts.					Total Traf Recei	PIO	Cosch- ing.	Merchan- dise.	Total.						
Total traffic for		Re		. P.	C	e. d	ı.	Md4.	Br.	Re.	Δ.	P.	j & .	s. d	Re.	A. P	.[ĺ		
the week Or per mile of	130,738}	1,69,70	8 7	7 6	15,861	6	ż	14,40,109	3 0	0,13,078	2	5	56,199 1	L6 !	782,870	9 8	45,265	108,166	153,785	
railway	******	15	3 10	10	13	3 :	3	*****		479	1	0	43 1	8 :	611	11 10		•••••		
15 weeks of	2,152,057	23,91,90	0 17	. 3	\$11,199	4	 	,95,64,91	7 10	82,00,527	13	8	753,540	0 1	1,16,04,4 2 8	7 11	720,745	1,507,953}	1,291,000	
Total for 16 weeks	2,288,695}	35,64,09	3 2	9	326,763	10 1	_ _ 0,2,	,10,08,055	10	H4.22,005	14	11	808,788 1	7 (1,23,87,590	1 8	760,811	1,616,190}	2,382,461}	
COMPARISON.																				
Total for corresponding week of previous year Per mile of railway, cor-	133,470	2,00,15	4 3	4	19,347	9 1	B	10,61 ,66 7	' 0	4,63,148	0	6	42,913 1	11 4	6,68,302	3 10	43,975	85,078	129,046	
responding responding responding responding responding responding responding responding	******	15	3 6	5	14	6 1		******		365	13	0	88 1	.o t	533	8 5	•••••		****	
date of pre- vious year	2,050,113	34,89,08	13	7	319,855	18 11	1,	,01,45,07	20	 63,29,376	14	2	626,026	4 8	1,03,19,0\$1	11 9	743,499	1,215,198	1,968,607	

EAST INDIAN RAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 21st April 1877, on 2283 miles open.

				_											12 * 17% also bridge man assessment				_
Total traffic for		Ra.	۸.	P.	e .	ı. d		Mds. 8	T.	Ra.	A.	P.		r. d	Ra.	A. F	ų	1	
the week Or per mile of	0,713	23,241	11	6	2,039 1	18 0	l	287,687	10	63,234	1	0	5,796	9	85, 175	12	8 4,651	16,463	21,114
railway For previous		99	ß	6	9	3 a	1	*****		232	Đ	9	25	18 1	\$82	0	3		*****
15 weeks of half-year	118,289	435,570	0	3	89,027	5 Q	8	5,72.766 1	10	N,85,016	7	0	81,209	0 1	18,21,496	7	78,104 {	230,530}	814,635}
Total for 16 weeks	125,001+	467,811	11	9	41,966	1 6		8,00,452 1	90	P.4P.180	8		87,005	9 8	14,001,1032	3 1	64,765 4	252,11944	335,750 <u>1</u>
Comparison.												1							
Total for corresponding week of previous year Per mile of railway, cor-	5,865]	17,070	10	0	1,584 1	6 2		1,15,167 3	20	37,139	13	•	2,486 1	L8 G	44,200	7 (4,149	6,089	10,825
responding week of pre- vious year Total to corre- sponding		76	4	8	d 1	9 10		*****		121	4	•	11	2 4	107	8 1			400 - 94
date of pre- vious year	105,494	344,048	12	0	81,537 1	6 1	10	6, 81,914 1	0	3,57,307	1	0	35,511	7 11	7,31,415	18 (78,107	93,207	171,514

KASTERN BENGAL RAILWAY.

Approximate Beturn of Traffic for week ended 21st April 1877, on 1584 miles open.

•	•	Coachieg Trappic.	MERCHAND	IND AND MINRRAL TRAPPIC.	Total		
	Number of passourers.	Coaching receipts.	Weight carried.	Receipts.	receipts.		
		Ra. A. P. & s. d.	Mds. Sr.	Rs. A. P. & s. d.	2 . 4		
Total traffic for the week	25,808}	23,716 13 6 2,174 0 10	1,78,280 6	46,725 8 4 4,283 9 11	6,407 5 9		
Or per mile of railway	296	149 13 11 13 14 9	1,126 10	295 4 3 27 1 4	40 16 1		
For provious 15 weeks of half-year	555,972}	8,07,089 14 9 36,309 18 6	20,88,545 35	5,48,041 1 7 40,778 15 8	86,178 13 7		
Total for 15 weeks	091,081	4,90,806 18 8 88,873 19 3	28,60,770 1	5,89,766 4 11 54,061 18 1	92,635 17 4		
Comparison.					•		
Total for corresponding week of previous year	45,35 0)	24,685 11 3 2,246 10 6	1,47,088 88	20,365 6 10 2,787 18 9	4,983 9 8		
week of previous year Total to corresponding date of	267	154 11 10 14 8 8	920 18	188 11 8 17 6 0	87 9 8		
previous year	800,407\	4,13,748 1 0 57,928 2 10	25,77,043 35	4,80,884 4 6 44,048 19 6	81,977 3 4		

SUPPLEMENT TO THE CALCUTTA GAZETTE, MAY 2, 1871.

CALCUTTA AND SOUTH-EASTERN STATE BAILWAY.

Approximate Return of Traffic for week ended 21st April 1877, on 28 miles open.

	, (Coageing Traypic.	Margeago	nd a [‡] d Hineral Traypic.	Total '		
	Number of	Coaching recespts.	Weight carried.	Rectipts.	receipts.		
		Ra. A. P. & c. d.	Mds. Ar.	Ra. A. P. Ba.d.	8 a. d.		
Potal traffic for the week	8,930	1,807 0 0 186 16 0	18,960 0	650 0 0 05 15 · 0	100 15 0		
Or per mile of railway	819	46 8 0 4 17 0	477 0	25 6 0 3 6 0	72 •		
For previous 15 weeks of half-year	153,436	22,209 0 0 2,240 18 0	2,78,665 0	9,501 0 0 950 2 0	8,160 0 0		
Total for 16 weeks	102,356	23,576 0 0 2,337 18 0	1,97,615 0	16,020 0 0 1,002 0 0	3,800 12 0		
COMPARISON.							
Total for corresponding week of previous year Per mile of railway, corresponding	9,461	1,360 9 0 136 1 1	20,872 20	GRS 9 6 GS 11 2	906 12 4		
week of previous year Total to corresponding date of	\$38	46 9 5 4 17 5	757 58	24 7 9 2 9 0	7 6 2		
beerjoin heet	160,396}	21,808 6 9 2,180 16 10	3,01,563 10	9,676 19 8 967 35 6	8,166 10 4		

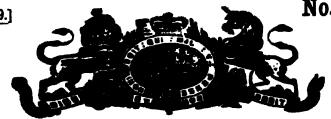
NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 21st April 1877, on 27; miles open.

•		Rs. A. P.	& e. d.	Mds. Sr.	Rs. A. P.	£ s. d.	A s. d.
Total traffic for the week	3,000	944 0 0	94 8 0	7,978 0	851 0 0	58 2 0	146 10 0
Or per mile of railway	76	34 8 0	5 9 0	295 0	19 0 0	1 18 0	570
For previous 15 weeks of half-year	33,861	16.279 0 0	1,627 18 0	1,03,020 0	7,935 0 0	793 10 0	2,421 6 0
Total for 16 weeks Comparison.	36,931	17,123 0 0	1,723 6 0	1,00,986 0	8,456 0 0	845 13 0	2,567 18 0
Total for corresponding week of previous year	1,572	883 7 4	86 6 11	4,406 20	406 12 6	40 13 7	, 1 39 0 6
week of previous year	56	32 6 8	3 4 10	161 28	14 14 10	1 9 10	4 14 8
Total to corresponding date of pre- vious year	33, 182}	16,173 11 10	1,617 7 5	1,30,341 0	10,902 13 6	1,090 5 9	9,707 13 2

No. 19 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette

WEDNESDAY, MAY 9, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GARETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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CHOLERA IN THE DISTRICTS OF CHITTAGONG AND NOAKHALLY.

FINANCIAL DEPARTMENT.-MISCELLANEOUS-No. 1808.

Calcutta, the 4th May 1877.

From—H. J. S. Cotton, Esq., Junior Secy. to the Govt. of Bengal, To—The Commissioner of the Chittagong Division.

I am directed to acknowledge the receipt of your letter No. 75G., dated 27th April 1877, in which you submit a report on the epidemic of cholera that has recently occurred in your division.

2. The Lieutenant-Governor deeply deplores the terrible effects of this outbreak, which have resulted, it is believed, in a mortality unprecedented even in the annals of cholera. At the same time, it is satisfactory to be able to say that the exertions of all the officers of Government of alleviate the disease were unremitting. All possible assistance was afforded, and very great credit is due to both Dr. Murray and Dr. Lyons, the Civil Surgeons of Chittagong and Noakholly, for the zealous and indefatigable manner in which they devoted themselves to their professional duties during a most trying period. The especial acknowledgments of Government are also due to Dr. Coates, the Sanitary Commissioner, who was deputed to Chittagong in December, and who not only organised a scheme for affording medical relief and for utilizing to the utmost the available agency, but himself personally visited the worst localities, lived among the people, and afforded them encouragement by his presence and advice. With two unfortunate exceptions, the native assistant surgeons and native doctors also did their duty well.

No. 75G, dated Chittagong, the 27th April 1877.

From—E. E. Lowis, Esq., Commissioner of the Chittagong Division, To—The Secretary to the Government of Bengal, Financial Department.

WITH reference to your letter No. 585, dated the 23rd February last, I have the honor to submit the following report on the severe epidemic of cholera which has occurred in my division. Statements showing the number of deaths that occurred up to 31st January 1877 have already been submitted with this office memorandum No. 662G, dated 13th ultimo, and similar statements showing the number of deaths which have occurred during the whole period from effect of cholera in both the districts of my division are herein enclosed, showing at a glance the terrible results of this outbreak of sickness.

- 2. I beg also to submit sketch maps showing the places where cholera prevailed in an epidemic form and caused great loss of life among the inhabitants, and also showing the localities at which the medical relief contres were formed.
- 3. Almost immediately after the cyclone of the 30th October, cholera broke out in those places which had suffered the most from the storm-wave. In Chittagong, cholera broke out immediately after the cyclone in Sectacoond and Coomirah, north of the station on the Dacca road. About the same time (7th November) cholera appeared at Bakolia and Changao, east of the station, in the town thana, and extended to the adjoining villages. On the 19th November it broke out in Moishkhali, Goshail Dengah, and Potengah, also in town thana: these places lie west of the station: these villages had also suffered much from the storm-wave; and on the 8th December the epidemic reached Kolagao, on the left bank of the Kurnafoolee, south of the sudder station, in Puttea thana, whence it extended by degrees to the adjoining villages. Kolagao had also been inundated by storm-wave. On the same date it appeared in Noapara and Raojan, where the storm-wave did not reach, though a small portion of the former was inundated by the overflowing of the river Kurnafoolee and its tributary the Halda; and on the 27th December it reached as far south as Banskhali on the Sungoo river in Sarkanea. It thus gradually extended through the whole sudder sub-division of the district and Kutubdea, though it first appeared and raged with greater virulence in places inundated by the storm-wave.

4. The available native doctors were at once sent out to Scetacoond and Bakolia, where cholera first appeared; but in other places no medical assistance could at first be rendered, except by the distribution of cholera pills, as there were no extra native doctors or good medicines available. Assistance was, however, promptly indented for, as well as stores of medicines, both of which were urgently required. These were sent with all possible despatch, but the epidemic spread over the district in so short a time that, although the extra doctors with medicines arrived as early as could be expected, the disease had made great head before their arrival.

Dr. Coates, the Sanitary Commissioner, arrived here in December, just when men and medicines were most wanted; and with his valuable aid a scheme was drawn up for utilizing to the utmost the agency at our disposal. Nor did Dr. Coates content himself with simply giving advice; he personally visited some of the worst localities, carrying medicines with him, which he distributed on the spot, and by his presence and advice did much to allay alarm and anxiety in the minds of the people. It was determined to post the native doctors at different central places, dividing the stricken tracts into circles; and to ensure that the native doctors were on the alert, subassistant surgeous were placed in immediate charge of all these circles, the whole being under the control of the Civil Surgeons, to whom the native doctors submitted regular returns showing number of patients, success of treatment, stock of medicine in hand, &c. By this means the Civil Surgeons were kept informed of what was going on, and could exercise control. The two assistant surgeons and nine native doctors supplied by Government for this district were thus disposed of; and at the same time educated and charitable villagers were supplied with medicines for distribution to the village people who lived at a distance from the medical centres; while rules for observance of sanitary measures were circulated as widely as possible to

all the villages, especially where the epidemic prevailed. Some of the native gentlemen also in the town distributed medicines gratis; in short, the aid and sympathy of every one who could render any help were enlisted. The disease reached its climax about the end of December, when several European residents were attacked. Soon after this there was heavy rain, which checked the virulence of the disease to a certain extent. Cholera in Chittagong has abated since the heavy rains in February last, but it is yet to be found more or less throughout the district, as the disease appears to be epidemic in Chittagong. As I write, I learn from the Magistrate that news has reached him of cholera having broken out in Cox's Bazar, and to the extreme south of the district, a part which had hitherto escaped; the disease appears to have been carried there by persons returning from Akyab, where, I believe, cholera is now raging.

5. The district of Noakholly suffered even more severely than Chittagong, and in consequence cholera appeared in a virulent form and spread at once over almost all parts of the district, as well as in the groups of thickly inhabited islands of Sundeep, Hatea, Bamni, &c., &c. The disease first appeared where the salt-water had penetrated, and this tract being more extensive than in Chittagong, it appeared in a greater number of places simultaneously, and spread more rapidly, causing at the same time greater devastation. As in Chittagong, the disease seems to have reached its climax in Noakholly in the end of December; and from persons who came to attend the durbar in the beginning of January, I received most alarming accounts of the state of depression to which the people were reduced.

6. To prevent the spread of the disease, much the same measures were taken as at Chittagong; in fact, a scheme practicable for both districts was concerted with Dr. Coates, and the instructions issued and suggestions made were identical for both districts. These instructions appear to have been admirably worked by Dr. Lyons, who appears to have been indefatigable in the discharge of his duties at this trying time. The following measures were as far as possible carried out by him :-

1st.—Protection of drinking-water tank in station, and excavation of wells or tanks in large villages south-east and south-west of the district.

2nd.—Burning and burying of corpses and carcasses, and, where not practicable, they were floated out with the tide.

3rd .- People advised to make early applications for medicines and to avoid exposure and fatigue.

4th.-Police to see that the bodies of those who died from cholera were burnt or buried, and to advise relatives or friends of the cholera-stricken to destroy bedding, &c., and to bury as soon as possible all cholera evacuations.

5th.—Burning of large fires to windward of affected villages.

6th .- Fallen trees and branches in tanks and water-courses to be removed.

7th .- Recommending people to be specially careful about drinking-water, which should be boiled and allowed to cool before using.

8th.—Attention to conservancy and burning of refuse heaps.

9th .- Recommending that the people in the bazar (Shudharam' and neighbourhood should be required to clear up their latrines, or if that was impracticable, that the exposed filth should be sufficiently covered with earth to render it inoffensive.

10th -Stagnant water in drains and water-courses to be baled out.

11th.—Thatching-grass fields in station to be cut down.
12th.—That brick-making operations carried on along some of the large drains in the station should be removed to outlets of drainage.

13th.—Personal inspection by the Civil Surgeon of fish and other supplies in hazar on frequent occasions; and two fishmongers detected selling fish untit for use were prosecuted.

14th.—Forbidding the sinking of bodies in the khals.

7. Medical relief was afforded from the very outset of the epidemic (viz. from the 4th November 1876) at the charitable hospital, where, on the 8th November alone, as many as 114 persons applied for medicines for their

friends; police thanas and outposts also were furnished with cholera medi-

cine as fast as they could be prepared and sent out.

Native doctors and compounders were entertained, and on the 7th November one of the former engaged on the islands of Sundoep was placed there for duty, and two of the latter were on the 9th of Novembersent to Ingadia and Chur Uria, while on the 11th November the sub-divisional native doctor proceeded to Faquir Hat. Meanwhile, further help had been called for, and on the 12th November two out of four native doctors telegraphed for arrived and were sent to Hatiya and Sundeep. On the 14th a compounder was despatched to Chaprassee Hat, and the remaining two native doctors telegraphed for on the 7th November, on their arrival on the 24th November, were sent to Farashgunge and Bamni. On the 27th and 29th two locally engaged native doctors were sent to Zorwargunge and Chagulnaya, and on the 30th November two more Government men arrived and were posted to Sundcep and Nulchira in Hatea. On the 8th December two more arrived from Calcutta and were despatched to Mirkascrai and Sundeep, and on the 11th December two more native doctors arrived and were sent to Sundeep. On the 16th December two assistant surgeons arrived, and in pursuance of the plan proposed by Dr. Coates were placed, one in charge of the Mirkaserai circle, and the other to Sundeep in the first instance, but he was afterwards directed to supervise Hatiya as well. In January I sent off a party of native doctors who had come by steamer with instructions to proceed to Noakholly, and en roule to report themselves to the Fenny subdivisional officer in case their services might be urgently required there. Of these, one assistant surgeon and a native doctor were detained by the officer in charge of Fenny sub-division, and stationed—the former at Kazi Hat, and the latter at Bamni; the remainder reported themselves at Noakholly, and were posted on 23rd January—a sub-assistant surgeon to Buullooah, and four native doctors to Moonshee Hat, Moigdee, Chur Fakira, and Gungadas Moonshee's Hat. On the 7th February another native doctor arrived and was sent to Shantashita to replace a locally entertained compounder who had fallen sick.

- 8. Supplies of cholera medicines were furnished to the District Superintendent of Police, to intelligent people of Luckhipore, Begumgunge, Shantashita, Shonadea, Dulal Bazar, and to many others who desired to be provided with them for distribution; the officers, both European and Native, proceeding into the interior were also liberally supplied. Renewal of supplies on their requisitions were also made, and continued to be made, to native doctors and police than officers.
- 9. The native doctors and compounders were given verbal and written instructions to explain to the people to be careful in their diet, drinking-water, and conservancy arrangements, &c.
- 10. One assistant surgeon was placed in inspecting charge of the islands, another of Mirkascrai or Eastern Division, a third of Bhullooah or Western Division, and the fourth was deputed to Kazir Hût by the sub-divisional officer. The sub-assistant surgeon, besides inspecting the work of the native doctors and seeing that the latter moved about their circles, were also provided with medicines and directed to treat cholcra cases themselves.
- 11. According as the medical relieving officers arrived and could be entertained, they were sent to the parts most needing their services, and when the disease abated in one place they were sent to another. The staff consisted of four assistant surgeons, 16 Government native doctors and three local, three Government compounders and three local—total 29. Besides this, for jail, police, and dispensary works there were two native doctors and one compounder.
- 12. All the native doctors have been withdrawn from the islands, and the assistant surgeon who was there left for Calcutta on the 23rd February, while the services of the locally engaged men have also been dispensed with. There now remain at Noakholly two assistant surgeons and eight native doctors, who are distributed as follows:—

One assistant surgeon at Bhulloosh and the other at Kazir Hat, and a native doctor at Moigdee, Begumgunge, Dulal Bazar, Bammi, Mirkaserai, Boktar Moonshee's Hat, and two in a reserve in Noakholly.

13. The services of the extra establishment at Chittagong have been dispensed with, and any necessity for keeping up that at Noakholly will, I trust, soon disappear.

Causes of disease: salt inundation.

Causes of disease: salt inundation.

Storm-wave. Wherever the salt-water penetrated vegetation was killed and the drinking water spoiled, and there the cholera first began. In fact Dr. Coates found the limits of the first outburst coincident with the extent to which the salt-water penetrated. This was peculiarly marked along the Dacca road, the embankment of which saved the country to the east of it from inundation. Along that road every village to the west which had suffered from inundation was visited at once with cholera, while the villages on the other side of the road escaped at first. A

Poisoned atmosphere.

poisoned state of atmosphere was added to bad drinking-water, for the storm-wave swept away everything before it, and the whole sea-coast towards the north was strewn with the carcasses of cattle and human bodies. In other places also the khals, tanks, the sea-shore were full of carcasses and corpses. No vultures were to be seen at first, and the people, who have suffered a great shock from the cyclone, could not be persuaded to bury the dead bodies. The local authorities tried their best, with the small agency at their disposal, to bury or float away the carcasses, but long before it could be accomplished the atmosphere was tainted, and so great was the smell that travellers passing along the roads, especially along the Sectacoond road, kept their nostrils and mouth covered with their hands or dress: and the same state of things in an intensified form was to be found all over the islands forming part of the Noakholly district. Salt-water, too, accumulated in innumerable dirches and other low places from which it was impossible to drain it, and this added to the evil.

15. The disease was further intensified by the use of bad food, the greater portion of the grain and other food upon which the people depended for their living having been destroyed or damaged. The people used the damaged grain for about a fortnight after drying it in the sun; large quantities of grain contaminated by salt-water were also carried away from the town by the people, who mobbed the merchants' godowns for the same, the priice being unable to restrain them.

16. Bad water I have already alluded to as a cause of sickness. The water of almost all the tanks on the sea-coast was rendered either salt or brackish, while all vegetation in them was destroyed by the admission of salt-water, and the accumulation of carcasses and débris in them made the water more impure than ever. The narrow strip of country, about 24 miles long and four miles wide, along the west of the Dacca trunk road, portion of the eastern bank of Kurnafoolee, Banskhali, and northern part of the Ketubdea, as well as the islands and coast of Noakholly, were submerged, and the people had no alternative but to use the water of those tanks. Where tanks were distant the people fared rather better, for, by digging small wells for themselves, they obtained, it is true, brackish water, but water that was less contaminated by decayed vegetable matter.

17. Thanks to the promptitude with which our indents for men and medicine were attended to, and thanks especially to the counsel and help of Dr. Coates, the late terrible outbreak of disease has been checked and successfully combatted. I do not mean to say that medical help was afforded to every sufferer; but it has been afforded to many; and the very fact of help being at hand did much to dispel anxiety and give the people courage and confidence. To Dr. Coates, as I have said, is due the organization of a scheme for affording medical aid and for utilizing to the utmost the agency at our disposal, as well as for valuable professional suggestions and instructions; but the best devised scheme will break down if inefficiently administered; and it is due to the Civil Surgeons of Chittagong and Noakholly, Dr. Murray and Dr. Lyons, to state that but for their personal exertions and the interest taken by them in the work, the disease would not have been as successfully dealt with as it has. The Magistrates of the two districts afforded valuable help, but of course professionally they could do little. The sub-assistant surgeons and native doctors did well with two unfortunate exceptions, viz. Sub-Assistant Surgeon Baboo Shibkisto Dass, who refused

to go to Sundeep when cholera there was at its worst, and a sub-assistant surgeon who deserted his duty at Mirkaserai. Both these cases have been separately reported. With these exceptions the other native doctors have done excellent service.

18. I have not been able to submit this report as soon as I hoped, for cholera has taken longer to abate than I expected; it was not till after 1st April that I could say it had almost entirely disappeared, and until I could report to that effect, it seemed useless reviewing the success of the measures adopted for its suppression.

Statement showing the Deaths from Cholera in the Districts of the Childagong Division from 31st
October 1876 to 31st March 1877.

1	8		8	4	8	6	7	8
Name of District.	Name of these and	d outpost.	November 1876.	December 1876.	January 1877.	Pehruary 1877.	Marela 1877.	Tota
								<u> </u>
	Town	•••	529	615	550	149	20	1,8
	Huthazari	•••	35	228	337	133	32	7
	Futtickchery Seetacooud	•••	49 574	260	383	161	27	8
	W	•••		1,386	801	166	•••	2,9
	Davidson	•••	255	487	422	209		1,3
	112	•••	140	407	273	120	68	1,0
	Ramgania	•••	7 245	39	67	10	. 6	. 1
	1 A	•••		674	583	259	151	1,9
	I Thumb:	•••	48	319	375	193	60	
	Washamin.	•••	80	484	503	26		1,0
IIITAGONG	1 Table	•••	6	89	60	55	38	2
	Wassall Land	•••	118 34	171	159	116	63	6
	Kentululus	•••	349	93	104	109	84	3
	Mainhhhali	•••			55	44	21	1
	Charle Danne	•••	1	9	84	4		
	Dames	•••	••••••	_	74	118	13	2
	(Sankaria	•••	•	18	45	30	6	
	I I have believe and	•••	•••••	4	43	32	4	
	1 1 1 1 1 1		!		16	.4		
	1 22.21	•••			3	14	1	
	T. hand	•••	i i	******		4		
	Teknaf	•••	•••••		8			
	Total of the dist	riet	2,115	5,283	4,890	1,956	544	14,7
	Towu		1.101	2.847	2,407	2,115	256	8.7
	Bamni		460	1,790	1.014	277	28	8,6
	Sundeep		6,232	4,809	871	37	1	11,9
	Siddi		63	G90	71	2		É
	Huten		100	575	1,611	95		2,4
	Nulchira		30	229	188	6		4
	i lakhipore		196	169	907	355	278	1.9
ARROLLY	Roypore	'	37	87	385	115	45	
	: Farashgunge	1	452	369	889	889	78	2,1
	llamgunge		51	79	186	87	123	5
	Begungunge	!	41	162	511	788	953	2,1
	' Fenny	!	513	2,940	1.590	1,632	396	7,0
	Chagulnaya		524	192	150	440	171	1,4
	Mirkasorni]	711 !	475	589	165		1,9
	Zorwargunge		572	343	378	293	9	1,5
	Total of the	listrict of					 -	
	Noakholi	у	11,092	15,755	11,807	6,796	2,333	47.7
	Total of the	district of		-				
	Chittago		2,115	5,283	4,890	1,956	544	14,7
	Grand Total of the I	Nation 1	13,207	21,035	16,697	8,752	2,877	62,5

Chitagong Comme's, Office;

The 27th April 1877.

E. E. Lowis, Commissioner.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different District of Bengal, as reported to Government during the week ending the 5th May 1877.

;	No.	District, as		ie oi		Rainfall at Sudder Station in inches.	
BK.	NGA	 L.					
		Western L)istric	ls.			
	1	Burdwan.	May	7•	'7 7	! : :3 :	The rainfall at Culus has been '37 of an inch and at Jehanabad '45 of an inch. The prospects of the crops are good. Fever is prevalent.
	2	Bankoora,	,.	5	94	-04	Weather—Generally dry, but cloudy, with occasionally a few drops of rain. Nothing special to report. The crops are as favorable as before.
DITH.	3	Beerlihoom,	••	5	••	Nil	Wenther—Cloudy and threatening rain; somewhat cooler than last week. State and prospects of the crops are good.
BURDWAY	4	Midnapore,	.•	5	••	-41	Weather—Seasonable; cooler than previous week. General prospects are fair. The apring rice is being reaped. It is a large crop this year in consequence of the heavy inundations list year.
Bt	6	Hooghly,	••	5	••	1-70	Weather—Warm. There was a good shower of rain on the night of the 4th instant, accompanied with thunder and lightning, and much benefit is expected from it. The sowings of early rice, jute, and some, have commenced. Vegetables are doing well. Cholera and cattle disease are still prevalent.
į		Howrah,	••	5	••	-80	Weather—Very hot. No crops on the ground.
		Central 1	Di st ri c	ts.			
DITY.	6	24-Pergunnabs	. May	, 71	†°77	·58	Weather—Very warm. More or less heavy showers have fallen throughout the district during the week. The sowings of sons rice and jute have commenced. Public health is generally good.
5	7	Nudden.	,,	6	p e	·73	Weather-Sensonable. The early rice is coming on well.
PRESIDENCE	8	Jessore.		5	••	3 58	Weather - Stormy. The spring rice is being gathered. The rain has done good both to autumn rice and indigo.
£ (9	Moorshedabad,	, ,,	5	,,	-08	Weather-Hot. Boro and bhodoi rice crops are coming on well. Indige, sugar- cane, and mulberry are promising fairly. Cholera prevails in parts of the district.
	10	Dinagepure,	••	4	••	78	Weather—Unsettled. There was some heavy rain'during the week, and the wind blew sometimes from the west and sometimes from the cast. Heavy gales on the 1st and 2nd instant. :21 of rain is registered at Roygunge. The crows are much benefited by the rain. Cholera is still bad in all directions, principally in the south.
JIVB.	11	Rajshahye.	n	5		·7·1	Weather—Unsettled. There have been a few storms with moderate rainfall. Insome parts the rain has been heavy, and in one part of the Nattore aub-division it was accompanied with hall, which did some injury to the til (sessamum) crop. The seedlings of early rice and indigo are much benefited by the rain. The rice sowings are not yet complete, and more rain is no ded.
RATEGALTS AND COOCE BERAN DIVE	13	ltungpore,	••	4	**	-82	Weather—Cool, with rain and slight storm on the 1st and on the night of the 3rd instant. The rainfall at Kurigram has been 2.55 inches, and at Bagdogra 1.33 inches. The state and prospects of the crops are good. The recent rain has been beneficial to the crops. Weeding is going on actively. Small-pox is reported from the Gaibanda and Kurigram sub-divisions, also measles and fever from the latter.
47.0	13	Bogra,	**	5	,,	· 2 0	Weather—Fair in the morning, but cloudy in the evening, almost every day. The sowings of jute, early rice, and til still continue.
THERE'S	14	l'ubna,	••	5	,,	1:38	Weather—Cool, with occasional thunder-storms. The crops are very forward. Jute promises well. The sowings of both aons and amen rice are said to have been completed.
×	15	Darjoeling,		4	,,	-90	Weather—Showers every day. It looks as if the rains have set in unusually early. The sowings of blad i rice are still going on in the plans, and the ground is being prepared for baims sti rice. The young crops in the hills are doing well. The tea prospects are promising.
	16	Julpigorce,	,,	5	,,	1.36	Weather-Hot, with cool evenings. Frequent showers. The sowings of early rice are nearly finished under favorable weather.
Į	•	Copen Behar,	••	3		-58	Weather—Hot, with occasional storms and rain. '76 of rain at Dinhatta, and '14 at Mathabhanga. It is said that the rain promotes the growth of weeds and hurts the bitri dhan. Cheens and know are flouristing. Public health continues good.

Telegram of the 7th May shows rainfall during the seven days immediately preceding. † Report of the 7th May shows rainfall during the seven days immediately preceding.

N	o.	District, an retu		of		Rainfall at Sudder Station in inches.	
ĸ	gal	—(Continued.))		١		
		Rastern Distri	ic ts .		!		
	17	Ducen,	May	7*	77		Wenther—Cool; otherwise seasonable. State and prospects of the crops are favorable. Cholera is less prevalent.
	18	Furreedpore,	".	5		1-25	Weather—Hot, cloudy, and squally. The rainfall at Madaripore has been 144; inches, and at Goalundo 33 of an inch. State and prospects of the crops an good, as also the health of the district.
	19	Backergunge,	1,	3		3:57	Weather—Still unseasonable. Bright saushine in the daytime, but storms of rain, wind, and thunder in the evening. The rain has injured the crops all over the district, but the Collector hopes not to a large or irremediable extent Much sporadic sickness still continues among the inhabitants. The cattle ar reported healthy everywhere.
	20	Mymensingh,	••	4	,,	-37	Weather—Unsettled. There was a storm in all parts of the district on the 27th April. The rain at the Nudder Station was much less than at the three sub-divisions. Early rice and jute are still being sown.
ţ	21	Tipperah,	•	4		2•79	The weather has been fairer, and not much rain has fallon. Owing to the drier weather, ploughing is being pushed on with vigor, and the autumn an winter rice crops are being sown.
(23	Chittagong,	••	3	.,	-06	Weather-Hot. No marked change since last week,
4	23	Nonkholly,	"	3	,	1-13	Weather—Hot and cloudy almost every evening. On the 28th April a whirl wind came down on village Roodinampore, in Begungange, destroyin houses, trees, and bosts. Three persons were killed and two wounded A severe thunder-storm passed over the station on the afternoon of the 30th idem. Cultivation is progressing favorably. Cholera still provails at Dala Bazar.
	24	Chittagong III	ili 	1	••	-12	Westher-Very hot. High wind on the evening of the 29th and 30th April Rain is shortly expected. The burning of the jooms is over, and the hipeople are sowing seed-grains in them.
,		Hill Tipperali,	• ••	2	••	1·12	Weather—Stormy on four evenings of the week. Rain appears to have been general. The crops are flourishing. Cholera continues in Agartala.
PC:	HAR.	•					
ĺ	25	Patna,	May	7 °	'77'	. 76 :	Weather—Ruther cool after heavy rain on the night of the 5th instant. No grain is being imported into the market. Cholera and small-pox are more does prevalent in all parts of the district.
	26	(Gya,	,.	5	,,	·16	Weather - More clouds and less hot west winds than usual at this time of the yeat. Threshing of the rubber crops is still going on.
	27	Shahabad.	٠.	5		.13	Weather- Cloudy and hor. The rabbee crops are being threshed. Sugarcane being extensively planted
	28	Durbhunga,	••	5	••	54 :	Wenther- Showery, and the temperature very moderate for the time of year. The rain has done much good to indige, and enabled the cultivators to connence ploughing for the next sowings. Thus far the year has, from an agricultural point of view, been very propitious.
:	29	Mozufferpore,	*1	5	10	1 15	Weather—Fine and cool for this time of year. The prospectr of dhan. moon and marcock have been improved by the recent rain. Small-pox exists Shewhur and Belsund, and there is a slight outbreak of cholers in Hajeepore.
	80	Narun,	••	5	,,	. •33 : :	Weather—Hot and dry, with occasional dust-storms. There was a slight full rain on the morning of the Srd instant. The prospects of indigo are general good. Cheena and early rice are doing well. The cuttings of sugarcane a still being planted. General health is good.
į	. 31	Chumparan,	11	5	,.	-16	Worther—Rain accompanied with high winds on two occasions. Nights at remain cool. The outturn of the rabber crops promises to be above the average Chelera and small-pax are reported in the interior.
1		37	,-	5	**	Nil	Weather-Hot and windy. Only '02 of rain at lieguscrai. The rubber harve is nearly complete. Slight choicen is prevalent in the district.
	. 32	Monghyr.				-31	We ther Variable. The rainfull at Muddehpoors has been more and at Soop
			,,	7*	•-	;	less than at head-quarters. No rain fell at Banka. The prospects of t crops are good. Ploughing has begun in the north. Choken and small-p are increasing in Banka, and are still prevalent in Sudder sub-division; che where the health of the people is good.

^{*} T. .: grams of the 7th May show rainfall during the seven days immediately preceding.

3	io.	District,	and dat	te of		Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and
BRI	IAB.	-(Continued	l.)				
BRIGGLPORE DIVE.	35	Maldah,	Мау	5	77	-39	Weather—Fair and hot, with occasional clouds and violent winds. Slight rain fell on the 28th and 30th April, and also on the 1st instant. The crops are good. 190 deaths from cholera reported. The disease is flying over the district, never resting long in one place.
	. 3 6	Southal Per	ghs, "	6	"	-44	Wenther-Warm, with occasional storms, 19 of rain at Rujmebai. No crops on the ground, Health is fair.
) ب	37	Cuttack				! !	Return not rec ived.
ORIGGA DITE.	3 8	Pooree,	May	3	77	· ·19	Weather—Hot. The harvesting of the early dalua crop is nearly complete. Ploughing for the sarad crop is still going on. The state of other crops is fair, lice is a little cheaper. Public health is good.
ō (3 9	Balasore,	**	4	20	-64	Weather—Hot and dry, with occasional thunder-storms. Ploughing and manuring continue Mortality from cholers has diminished.
CHC	AT(Nagpore.					•
		South-West Agen		or			
	40	Hazareebagh	a, May	4	77	-05	Weather—Extremely variable; unseasonably cloudy and cool. No crops on the ground to report about. <i>Mokes</i> crop has been very short owing to constant cloudy weather and slight sprinkles of rain. A few cases of small-pox are reported from different parts of the district.
	41	l.ohardugga	, ,,	5	••	1.81	The rainfall at Palamow has been '85 of an inch. In the head-quarters subdivision the moisse crop is supposed not to equal half an average crop, and the prospects of the mango crop are very bad. The prospects of the main rice crop are not favorable. From the Palamow sub-division it is reported that a great deal of damage has been done to gram still lying on the threshing floor, and that the moise crop has been greatly injured. General health is good, with the exception of a few cases of small-pox in Palamow.
	42	Kingbhoom,		4		Nil	Westher—Seasonable. No crops on the ground to report about. The district is healthy,
	43	Manbhoom,	**	5	••	·18	Weather—Seasonable, though perhaps a little cooler than usual, owing to recurrence of short storms with a few drops of vain. There are few crops on the ground, and they are getting on well.

l'ublished for general information.

CALCUITA, STATISTICAL DEPT., The 8th May 1877. H. P. S. Cotton, Jr. Secy. to the Gort. of Bengal.

PRICES-CUBRENT of Food-grains and Salt in the undermentioned

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A list the interior the prices range as follow: —Wheat 14 to 18 seers, barley 35 to 30 seers, best rice 15 to 21-12 seers, common rice 17 to 23 seers, and grain 18 to 26 seers.

B 1n the interior the prices range as follow: —Wheat 18 to 20 seers, barley 25 to 50 seers, best rice 22 to 26-8 seers, common rice 25 to 30 seers, maize 30 to 35 seers, and grain 19 to 22-5 seers.

C In the interior the prices range as follow: —Wheat 17-8 to 24 seers, best rice 19 to 25 seers, common rice 22 to 28 seers, and gram 24 to 36 seers.

Of the interior the prices range as follow:—Wheat 11-8 to 16 seers, barley 26 to 31-8 seers, best rice 10 seers, common rice 16 to 20 seers, and gram 16 to 24 seers.

Li In the interior the prices range as follow:—Wheat 10 to 12 seers, barley 22-13 to 29 seers, best rice 6-4 to 8-13 seers, common rice 18 to 20 seers, and gram 16 to 18-13 seers.

F in the interior the prices range as follow:—Wheat 8 to 16 seers, best rice 14 to 18 seers, common rice 19 to 26 seers, and gram 11-8 to 16

Districts of Bengal for the Fortnight ending 30th April 1877.

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- In the interior the prices range as follow:—Wheat 17 to 23 seers, barloy 40 to 43 seers, best rice 15 to 22 seers, common rice 19 to 24 seers, and gram 30 to 38 sears.

 He liver the prices are as follow:—Wheat 18 to 30 seers, best rice 14 to 16 seers, common rice 18 to 24 seers, and gram 20 seers.

 In the interior the prices range as follow:—Wheat 18 to 30 seers, best rice 14 to 16 seers, common rice 22 seers, and gram 20 seers, and gram 9 to 25-11 seers.

 In the interior the prices range as follow:—Best rice 6 4 to 13 seers, common rice 12 to 22 seers, lesser millets 13 to 15 seers, make 16 to 4 seers, and gram 10 to 18 seers.

 Let the interior the prices range as follow:—Wheat 9 to 30 seers, best rice 8 to 16 seers, common rice 16 to 18 seers, and gram 6 to 13 seers.

 In the interior the prices range as follow:—Best rice 16 to 30 seers, and common rice 22 to 23 seers.

 In the interior the prices range as follow:—Best rice 13 to 23 seers, common rice 20 to 25 seers, and gram 16 to 23 seers.

 In the interior the prices range as follow:—Best rice 13 to 23 seers, common rice 20 to 25 seers, and gram 16 to 23 seers.

 In the interior the prices range as follow:—Best rice 14 to 16 12 seers, common rice 16 to 16-12 seers, paddy 26 to 30 seers, and gram 12 to 13

PRICES-CURRENI of Fool-grains and Salt in the undermentioned

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5	Patna	19 0	21 0 96 0				
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j	Durbhunga	18 E	18 8 20 12	30 19 33 0 35	16 4 15 4 13 0	17 0 17 8 15 5	
,	Mozufferpore	31 O	18 0 20 0	32 0 32 0 80	11 0 11 0 19 0	15 0 16 0 15 0	
)	Sarus	16,0	18 0 29 0	39 12 32 8 41 (
L	Chumparan	20 0	16 0 23 8	11 0 41 0 35 0		18 0 18 0 20 0	
3	Mongbyr		21 0 36 3	31 5 31 5 37 8		16 8 18 9 18 9	
3	Bhagulpore	18 15 Y	5	SH 0 87 12 37 18	15 2 18 15 14 15		
ļ	Purncab	} 24 0	\$ 26 0 22 0			25 0 27 0 18 0	" " "
	Maldah	30 O	21 0 24 0	45 0 55 0 45 0	23 0 23 0 21 0	26 0 26 0 22 0	32 0 32 0 39 0
3	Southal Pergunnaha	23 °C	18 0 20 0	28 0	20 0 20 0 20 0	24 0 22 0 27 0	39 0 32 0 40 0
ı	ORISSA.	l	<u>,, , , , , , , , , , , , , , , , , , ,</u>	1 1 :	13 0 14 7 17 1	10 11 10 11 '00 -	j · 1
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9	CHOTA NAGPORE.	, ,	1 · · · ·	1 1 1	1 1		1 ; 1
	er	7.2	23 0 20 8		12 0 12 0 11 0	24 0 24 0 25 0	
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9	Singbhoom	26 0	26 0 23 U	40 0 40 0 86	0 20 0 20 0 18 0	40 0 40 0 86 0	
3	Manjihoom	23 20 0	20 0 19 0	23 0 27 8 28	30 0 18 0 16 0	80 0 89 0 86 0	600

Q In the interior the prices range as follow:—Rest rice 10 to 14 sears and common rice 13 to 16 sears.

In the interior the prices range as follow:—Best rice 10 to 17 sears and common rice 15 to 20 sears.

In the interior the prices range as follow:—Wheat 21-4 to 25 sears, barley 35 to 37-8 sears, best rice 12-8 sears, common rice 20 fc 24 sears, and gram 26 to 32-8 sears.

The Buxar the prices are as follow:—Wheat 18-8 sears, barley 28 sears, best rice 11 sears, common rice 21 sears, bullush millet 26 sears, great millet 27 sears, maize 29 sears, and gram 33 sears.

Unstein interior the prices range as follow:—Wheat 15 to 19 sears, barley 24 to 32 sears, best rice 13 to 18 sears, common rice 17 to 19 sears murws 28 to 29 sears, maize 28 to 30 sears, and gram 24 to 25 sears.

The the interior the prices range as follow:—Wheat 48-8 to 35 sears, barley 30 to 60 sears, best rice 18 to 25 sears, common rice 20 to 26-6 years.

Meteorological Telegraphic Report for the period 8th to 14th April 1877.

			Beroiseter	Barometer	Нтевс	MITIE.	Þø	Win	·			1
Bration	Date.	Hour.	reduced to 33°.	reduced to see- level.	Dry.	Wet.	Humidity Set.=100.	Direction.	• Velocity.	Rain.	Clouds.	Weather initials.
CALCUTTA.	April 8th 9th 10th 11th 13th 13th	10 16 10 16 10 10 16 10 16 10	20-873 20-789 20-789 20-789 20-710 20-710 20-700 20-869 20-048 20-789 20-928 P 20-928 P 20-928 P 20-928	20-393 20-781 20-781 20-747 20-355 30-355 20-37 20-361 20-361 20-367 20-	77-5 84-8 83-0 88-3 84-8 85-0 81-5 81-5 87-0 82-5	74-5 74-6 78-0 79-8 77-8 83-2 78-5 74-8 76-2 76-5 77-0	86 63 70 64 72 92 89 73 73 67 77	ESE WW Sby W SSW SSW SSE Ebys SB Sby W		0-08 0-02 0-01	K K CS K K K O K, N	•
SAUGOR ISLAND.	April 8th 9th 10th 11th 19th 18th	10 16 10 16 10 18 10 16 10 16 10	20-865 29-764 20-912 29-777 39-933 29-829 29-973 29-804 29-938 29-938 29-938 39-938 39-938 39-938	29-871 29-770 29-918 29-763 29-939 29-835 29-979 29-870 29-846 29-844 29-814 29-814 29-816 29-848	80 83 84 85 85 85 86 82 84 83 86	76 77 79 70 80 80 78 80 78 78 78 79	78 75 79 83 79 79 79 79 79 83 79 83 72	N N E 9 k 9 k 9 k 9 k 9 k 9 k 9 k 9 k	5·6 7·9 7·9 18·0 9·3 18·9 14·9 18·6 5·7 9·6 19·9 10·4	0-20 0-20 0-40	C P FK FK P K P K P K P K P K P K P K P K	0 0 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5
Ситтавоже.	April 8th 9th 10th 11th 12th 12th 18th	10 16 10 16 10 16 10 16 10 16 10 16	99-846 99-791 99-853 29-770 99-905 99-804 90-948 90-948 90-949 90-802 90-802 90-807 90-807 90-777	29-939 39-883 39-947 39-803 29-907 29-806 30-041 29-936 29-904 39-904 39-804 29-809	76 84 75 83 83 80 85 83 87 87 85	-73 73 79 74 75 76 76 76 76 76 78 78	78 51 86 63 67 71 89 47 71 56 71 69 78	SSE NW WSW SW WSW NE WSW NE NSW NE	4·8 7·1 9·5 19·1 19·2 9·4 4·5 8·6 4·0 7·7 4·4 10·5	010	CK	• • • • • • • • • • • • • • • • • • •
HADRAG.	April 7th 8th 9th 10th 11th 12th	10 16 10 16 16 16 10 10 10 10 10	2P-817 10-194 20-734 20-734 20-734 20-836 20-846 20-846 20-854 20-854 20-874 20-874 20-874	29 874 30 013 7 30 990 30 000 29 880 59 880	80 80 90 1	80 80 78 77 77 77 77	62 59 72 60 60 72 63 65 63 68 52 58	SR by SR SR by SR by SR SP SR by SR by SR by	14 18 16 16 18 18 13 17 17 12 16 18			e e e cloudy. cloudy. s s s s s s s s s s s s s s s s s s s
CUTTAGE.	April 6th 9th 10th 11th 12th 13th	10 16 10 16 10 16 10 16 10 16 10	29730 29715 29744 29702 397603 297847 29713 29783 29748	207920 I	88 85 84	77 78 77 77 77 77 77 76 78 80 78 78	76 50 79 58 65 56 59 46 54 72 54 57	Ebyfi Sew Sew Sew Sew Sew Sek Sek	35 31 31 90 41 135 53 104 68 70 28 49 39	1-00	PK, O K, PK PK, C PK, C PK, C K, Pk, C C K, C C K, N C, C K C C, C K C, C K C, C K C, C K C, C K C, C K C, C K C, C K C, C K C C, C K C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C K, C C C C K, C C C C C C C C C C C C C C C C C C C	n, f f e e t e u, t
Agras.	April 8th 9th 10th 11th 12th 13th 14th	10 16 10 16 10 16 10 16 10 16 10 16 10	20*254 20*642 20*642 20*65 20*644 30*004 20*651 30*078 20*656 20*656 20*656 20*656 20*656	30 905 90 804 20 905 30 905 30 905 90 905 90 905 90 905 90 905		77 74 74 74 77 77 77 77 77 77 77 77 77 7	74 63 75 65 73 54 53 73 80 72 75 76	E S E S S E S E S E S E S E S E S E S E	38 41 35 70 14 60 28 90 83 81 29 113 44 183	000 000 000 000 000 000 000 000 000 00	CK CK CK CC CC CC CC	•

wind in miles per hou

A. PEDLER,
Offy. Motocrological Reporter to the
Government of Bengal

CALOUZIA, The 14th April 1877.

Results of the Meteorological Observations taken at Alipore Observatory from 8th to 14th April 1877.

		neter	Tı	MPSRA	TUBB.		I	Itgros	LRTRY.		WIED.			4
Month.	Date.	Mean pressure; barometer at 32° Fah.	Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.	Rain.	Wrather,•
		Inches.	0	0	0	0	0	Inch.	0				Inch.	
1877. April	8th	29-812	75-9	81-8	17:6	67-6	71.4	0.719	69-4	82 *0	E till noon veered to S. till 9 P.M., through N. & W. till mid- night S.	80	•••	Sky partially cloudy during day K; night chiefly clear.
	91 h	·823	78-7	89-3	20-8	68-5	74.0	-777	71-7	79-0	Till noon 8 E., till midnight voored round K.	180		l'artially cloudy during day; d and t at 6-12 P.M.; cloud I'k and I'c.
	10th	-874	70-4	86-8	19-8	69-0	71-7	-714	09-2	78-0	Till 5 A.M., veor- cd fround E. to N.E. till 5 r.M., through E. to S. till 9 p.M., veered through W.N. and E. to S. again and till midnight S.E.	214	0.82	Partially cloudy (K) till 4; r.m.; till 6 r.m. t and 1, violent rain; strong wind at 5-14 r.m., rain. and all censed at 6 r.m.
	11th	-921	75:2	82-3	14-4	67:9	72-1	-748	70-5	86-6	Till noon S.E., till midnight S.E., again through S.W. N. and E.	168		Sky about cloud; clouds chiefly Pc. and Pk.
	18th	878	76-4	87-8	17.0	70-8	71.0	•687	68 1	75-0	Chiefly S. & S.R.	140	cr09	t, o, g, and I'k. from 5 P.M. to 7-30: d from 5-45 to 7-5:1 from 6 P.M. to 9-45.
	13th	-802	78-4	69-2	20-2	Q9. 0	74.7	-810	79-0	83·u	8.8.W. till noon, till mid- night 8.	123	-	Partially cloudy : clouds chiefly c.
	14th	*857	82-2	91-2	15.7	75.2	75-5	-792	72.3	72.0	Till noon S.S.W., till midnight S.W.	150	-	Partially cloudy; chuds Ph. and K; night clear.

^{*} K. Cumulus, Pk. Pallio cumulus, Pc. Pallio cirrus, d. Drizzling rain, t. Thunder, 1. Lightning, g. Gloomy weather, o. Overcast.

The mean temperature of the seven days	•••		77 ·5"
The average temperature of the corresponding period for 20 y	y Cars		84.6
The extreme variation of temperature during the seven days		•••	23·7°
The maximum temperature during the seven days	•••	•••	91·2º
The mean humidity during the seven days		•••	79 ·3
The total fall of rain from 8th to 14th April			0.04 inches

The mean pressure, temperature, &c., are deduced from observations made at 6h.; 10h., 16h. and 22h. The maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew observatory. They are exposed under a thatched shed open at the sides and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of raingauge is one foot above the ground.

H. F. Blanford, Meteorological Reporter to the Government of India. Calcutta, the 17th April 1877.

PUBLIC WORKS DEPARTMENT,—BENGAL.

General Establishment.—No. 123.—The 10th April 1877.

Statement showing heights over mean sea-level and low water on Rivers Ganges, Bhagiruthee, and Brahmapootra during the month of March 1877.

					The contract of the state of th
BRAHMAPOOTRA.	Gowhatty			Height over mean	
Ввани	Gow			Height helow zero of gauge.	225222555625577777777777777777777777777
	Kishnegkar.	-01	orog	Height over izen sen-level.	
GIRCIBER.	Ktshr		-madroff mor¥	Heicht over zero of gaugo.	REFERENCE BEEFFERENCESSES
RIVER BRAGIRCIEER	npore.			Height over menn sen-keel	25.25.25.25.25.25.25.25.25.25.25.25.25.2
	Berhampore.		٠,	Height Over zero of gauge.	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
	Goslundo.	.021	eroqm afi morti daəluati	Height over mean sec-levei.	
	Gosli	-109	Lion Beneva	Helaht over zero of gauge.	SESSESSESSESSESSESSESSESSESSESSESSESSES
	Rampore Baulcalı.	.06	From Salteb- gange	Height over mean scarjovel.	
	Rampon	.149	Prom Benara	Height over gen; of grange.	
	Sahebumm.	.46	rydgnok mori	Height over men sen-lavel.	
	Sahe	381. 	หารถูงผ สเกร	Height over zero	
RIVER GANGES.	Hongbyr.	.011	Prom Principore	Height ore mean sea-level.	
RIVE	¥	.447	estaned mory	Heleht over zero	
	Dinapore.	-78	भव्यास व्यवस्थ	Height over mean sea-lovel.	######################################
	<u>-</u>	.41	From Benares	Height over zoro	
	Buxar.	-00	Fron Renares	Height o over mean sea-level.	
				Height over zero	
	Benaros.		•	Height o over menu	
				Beight over zero of gauge.	
		Miles	.eomatal()		
			Dete		AZESSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS

J. E. T. Nicolls, Major-General, R.B., Secy. to the Gort. of Bengal, P. W. Department.

gradient weight to

REPORTS OF FLUCTUATIONS OF TRAFFIC ON THE EASTERN BENGAL RAILWAY FOR THE MONTHS OF JANUARY, FEBRUARY, AND MARCH 1877.

EASTERN BRIGAT RATIWAY COMPANY, TRANSIC SUPERINTENDENT'S OFFICE, SEALDAN TERMINUS.

Report on Traffic for the four weeks ending 27th January 1877.

No. A46-837, dated Calcutta, the 26th February 1877.

From-JAMES BRANDER, Esq., Traffic Superintendent, To-The Agent, Eastern Bengal Railway Company.

The total quantity of merchandise carried during the above period amounts to 7.72,195 maunds, as compared with 4,69,240 maunds during the same period of 1876, showing the satisfactory increase of 3,02,955 maunds.

The principal articles which have contributed to this increase are—
Grain, seeds, salt, sugar, piece-goods, tobacco, and miscellaneous goods.

Those staples which show the greatest decrease are jute, both drummed and baled, gunnies, and hides.

Grain ... Mds. 2,73,136.

The large increase in this traffic has no doubt been brought about by the present scarcity in the Madras Presidency and large quantities have been brought down for shipment to Madras and Colombo. Mds. 1,83,531.

Seed ... Mds. 1,83,531.

It is pleasing to see that this traffic is once more improving, and that seeds from the eastern districts are again being sought for in the market, so that it is to be hoped it will continue to improve.

Salt ... Mds. 11,752.

This traffic is still keeping its place amongst those articles which show a satisfactory increase, and there is every appearance it will continue to do so.

The decrease shown by this staple is, I consider, attributable to the bulk of the crop having been this year sent down before the period under review.

Gunnies ... Mds. 1,045.

This decrease in bags has been effected by the demand that has arisen in the interior districts for sending down grain and seeds.

Hides ... Mds. 4,408.

This traffic fluctuates greatly, being entirely dependent on the prices in Europe. The decrease shown is small. I attach a statement showing the increases and decreases of the principal staples carried. Mds. 4,408.

EASTERN BENGAL RATIWAY.

Statement showing the increases and decreases in maundage of staples conveyed over the line for the four weeks ending the 27th January 1877, as compared with the corresponding period of 1878.

									,		
		Втл	PLNS.					1876.	1877.	Increases.	Docreases
tle, beer, win utton, bund in lales rain, includ sunny, bage ibales ibal	les of of ing rich and be of of of rials, 	 Po	****					032 803 703 19,746 5,807 5,800 13,600 14,020 1,00,163 1,00,163 8,440 8,643 8,445 8,445 8,452 8,453 8,463 8,786 3,786 4,708 4,708	#771 256 1,153 2,92,492 4,292 7,744 9,206 	350 2.73.136 1.915 5,708 11,762 1,31,541 18,389 551 4,003	1,048 4,403 241 20,755 85,984 4,757
			Tot				•••	4,60,240	7.73,195	4,62,737	1,59,762
				nd tot		***	•••	*****	4,69,340	1,59,793	*****
			Tota	ıl inarı	1000	***	•••	*****		8,02,955	****

Report on Traffic for the four weeks ending the 24th February 1877.

No. A46-466, dated Calcutta, the 8th March 1877.

From-JAMES BRANDER, ESQ., Traffic Superintendent, To-The Agent, Eastern Bengal Railway Company.

The quantity of goods carried over the line during the above period amounts to 5,93,519 maunds, as agains; 4,10,373 maunds carried during the same dates in 1876, showing an increase of 1,82,146 maunds.

The staples that have mainly helped to contribute to this increase are—
Grain, piece-goods, salt, seeds, sugar, twist, and miscellaneous goods.

Those showing the largest decreases are gunny bags, hides, Railway materials, tobacco, and turneric.

Grain ... Mds. 1,74,386. It is satisfactory to see that this commedity still shows an increase in the quantity passing over the line, although the market in Calcutta has fallen considerably in price. Mds. 1,74,338. Piece-goods Mds. 4,501. This article continues to show a very good increase from last year, and I trust it will continue to do so. Salt Mds. 16,277. This traffic still shows that it is expanding, and I have no doubt it will continue to do so, as there is every proability of a future increase being shown in this traffic when the Port Commissioners' tramway is open to Armenian Mds. 16.277. Mds. 97.162. Beeds Mds. 57,163. These show that the increased demand for them still continues, and that they are again adding considerably to This staple is still holding its own against last year and shows a satisfactory increase. Twist Twist Twist Twist Mds. 8.875. Mds. 1,062. Miscellaneous goods Mds. 54,567. The general traffic shows a marked increase from last year, which is worthy of remark, as it tends to show the improved condition of the residents of the districts to which the traffic over our line goes. Decreases. The staple which shows the principal decrease is-Drums. Bales. ... Mds. 1,16,617 41,307. This decrease is large both in draws and bales. This may be attributed, as stated last month, to the early agason, and 1 now learn that the Jute Presses at Narainguage are closed for the season, which will account for the decrease in Bengal State Railway. Hides Mds. 2,700. The quantity carried of this commodity fluctuates very much, being ruled by the basar demand, as the merchants in this trade do not care for stowing large stocks. Tobacco. Tobacco and turmeric Mdn. 2,864 These two articles show a decrease, which I have no doubt can be accounted for from the slack demand for such goods in the Calcutta basar, as the demand in Calcutta rules the export from the producing districts. I attach usual statement showing the increases and decreases of the principal staples. stement of increases and decreases in manudage of staples carried by the Eastern Bengal Railway Company for the four weeks whing the 21th February 1877, in comparison with that of the corresponding period of 1876. and a window manner of the control o Decreases. Ale, neer, wines, &c. ... Cotton, bundles of ... beles of ... Guny, bars and bundles of ... Hides, bundles of ... bales of ... bales of ... Jute, drums of ... Piece-grois ... Railway naterials, foreign ... Seeds ... Seeds ... Tobacco ... Tunnerie 1,406 56 659 1,85,307 2,421 K,179 12,623 1,010 2:4) 9:47 20,049 6,773 0,001 10,523 1,74,339 3.351 1,63,243 40,147 21 41 6,244 11,083 46,016 1,16,617 11,347 4,500 25,942 4,113 27,310 4,501 2,135 16,277 17,102 6,875 11.033 19.475 84.767 146 9,553 6,464 2,436 34,610 ------------27,310 1,17,037 43,618 193 7,144 383 3,41% 91,077 1,043 Total 4,10,373 3.67,294 1.75.078 Grand total 4.10.373 Total increase 1.42.146

Report on Traffic for the five weeks ending 31st March 1877.

No. A46-758, dated Calcutta, the 6th April 1877.

From -- JAMES BRANDER, KSQ., Truffic Superintendent, To-The Agent, Kastern Bengal Railway Company.

THE total quantity of goods carried during the above period was 7,92,377 mannds, as compared with that during similar period of 1876, which was 6,46,317 maunds, showing an increase of 1,46,470 maunds.

This increase is mainly contributed to by the following staples, viz.—

Grain, hides, salt, seeds, sugar, piece-goods, and railway materials, &c.

Grain

This item of freight still shows a very considerable increase, and will, I have no doubt, continue to do so as long as the active demand holds good in the Calcutta market for export to the distressed districts in Madras.

Mds. 8,937. Hides ... Mds. 3,937.

This article of commerce shows an increase this month, owing, I understand, to a brisker demand for the commodity in Europe. ... Mds. 38,867.

Still shows a marked expansion in the quantity forwarded over our line, and from all I can learn, I believe this traffic will continue to show an increase in quantity.

Seeds

A satisfactory increase is again shown in the produce, showing that the demand for eastern country seeds is again gaining ground.

Sugar

This product is still showing a satisfactory increase, which shows that the producers are availing themselves of the advantages of railway transit.

Piece-goods

This traffic continues to improve, and, I consider, only awaits more frequent and direct steam 'transit from Goulundo to the interior to be greatly increased.

It is increase is owing to a larger quantity of material for the Northern Bengal State Railway having been forwarded during the month this year than last.

Decreases.

Drums. Bales.

Jule

Still shows the largest decrease of the staples, which shows a decline, attributable to the crop being all but exhausted.

Tobacco and turmeric

Both show a falling off, which I attribute to a dull market in Calcutta, causing no demand for their despatch from the producing districts.

Gunny

Mds. 3,133.

This falling off, I have no doubt, is owing to the brisk demand in the country for bags to convey rice, seeds, &c., to Calcutta.

to Calcutta: I attach the usual statement showing increases and decreases of the principal staples. EASTERN BENGAL RAILWAY.

Statement showing increases and decreases of staples in maunitage carried over the line for the five weeks ending the 31st March 1877, as compared with the corresponding period of 1876.

	STA	rlæs.					1876.	1877.	Increases.	Ducreasos
le, beer, wines, &	······································	•••				!	1,362	1,219	1	Ī.
tton, bundles of	•••		•••				151	217		j 145
, bales of		***	•••	•••	•••		479	1,127	844	•••••
rain, including ri	ne			•••	•••		34,219	1.86.114	1,51,895	******
unuy, bags and b	undles	of	••-	•••	•••		6,6965	2,902		3,701
ides, bundles of	•••	•••		•••	•••	!	9.724	10,292	500	
hales of	•••	•••	***	•••	•••	••• ;	10,025)4,65L	4,006]
ite, drums of	***	***		•••	•••	•••	1,095	324		771
bales of	•	•••		•••	•••	••• [3,23.876 60.140	79,607		1,51,289
ree-goods		•••		••	••	••• ;	18,290	12,666		63,124
nilway materiala.	foreign	***	•••	•••	•••	}	6.210	21,509	3,010	
dt						•::: i	12.209	k 339 46, 126	2.020	
ods		•••				;	1,23,991	2,10,403	33,867	
gar	***	•-•			•••]	41,175	57.967	90,412 (6,812	*****
			•••		•••	i	-16	-,,00,		*****
percoo	•••	•••			***	;	21.095	P.658		15.44
rmeric	•••	•••	•••			. ;	12,481	7.915		4.566
other goods		•••	•	•-•	•••	. ,	3,077	8.811	784	
1 ASSESS - BROOM	• •	•••	•••	•••	•••	•••	62,611	1,20,441	73,850	······
•				7	'otal		6,46,907	7,02,377	3,74,48N	2,29,018
			G	rend t	otal			6,46,907	2,29,01s	
	•		Tota	d incr	18.50				1,48,479	

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY--MAIN LINE.

Approximate Return of Traffic for week ended 7th April 1877, on 1.279; miles open.

	•	Coachin	g T	RAT	FIC.			Мявси	ARD	BE AND	Lini	era'	L TBAI	FFIC.			TRAIN MILES BUN.			
	No. of passen- gers.	Co	w h	ing	 receipts.				Weight carned.		Rencipts.				TOTA TRAFI RECEI	FIC	Coach-	Merchan- dise.	Total.	
		Rs.	Α.	P.	£	2.	d.	Mds.	Sr.	lks.	Δ. Ι		£	s. d.	Rs.	A. P.			- il That—ainman	
Tutal traffic for the week	141,328	2,13,948	1	8	19,615	11	6	12,80,12	2 0	6.42,283	0	6	49,944	5 7	7,50,271	1 9	46,0908	100,533}	147,334	
Or per mile of Par previous	******	167	3	5	15	6	7			426	1	4	39	1 2		4 9		•••••	*****	
13 weeks of balf-year	15,89,702	80,40,94	1	3	275,911	13	8	1,49,13,49	3 0	70,02,620	91	1 0	30,157	8 9	1,01,02,571	11 2	624,771	1,307,530	1,033,304	
Total for 15 weeks	2,031,070	32,27,03	3	6	296,5:7	1	2	1,42,02,61	1 6	76,37,940	10	6 :	40,111	11-4	1,08,61,942	12 11	471,461	1.105.033}	2,079,525	
COMPARISON.		İ								ļ		i								
Total for corre-																	į			
week of pre- vious year Per mile of railway, cor- responding	131,855}	2,01,211	13	1	18,444	A	3	10,31,56	4 50	4, 51,132	10	5 .	40, 156	4 10	6,42,384	6 4	+1,524	83,752	198,276	
week of pre- vious year Fotal to corre- sponding	••••	187	3	8	16	8	3	••••		841	11	1	31	11 11	 501 :	11 €	 			
date of pre-		70 00 90d	9	,	984111		11	1.43.03.39	2 10	69,17,3±1	4	i 2 5	342.4C1	2 1	i 5 6 0.16.717	12 5	655.313	1,044,943	1,700, 2 56	

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 7th April 1877, on 2233 miles open.

										-	·				
		Rs.	A.	P.	£	8.	d.	Mds. Sr.	Rs.	A. P.	. E s. d	Ra. A.	Р.	1	
Total traffic for the week	7,020	21,137	3	8	221	14	11	2,58,016 20	(65,800	0 4	6,032 9 10	90,048 3	3 4,751	17,301}	21,952}
Or per mile of	***************************************			1			_					402 7	.1		
railway	*- ****	148	4	=	9	18	7	•••••	274	1 11	±619 :	902 4	1	1	•••••
For previous 15 weeks of half-year	103,527}	3,87,5PL	8	•	23,52	9	9	30,21,073 30	7,53,103	10 0	i 69,062 0 (11,40,598 0	9 6K.7371	208,567	273,304)
Total for 14 weeks	110,3171	4,11,831	10	•	37,751	4	8	32,40,091 10	8,19,212	10 0	7.,0:4 9 10	12,31,016 4	0, 73,4884	220,76N}	294,250;
Comparison.											'				
Total for corre- s p o n d i u q week of pro- vious year Per mile of railway, cor- responding	6,2804	17,665	10	o	1,619	7	0	1,17,883 20	28,121	y 0	2.577 16 ±	45.757 3	0 4,433	6,541	10 ,9 75
week of pro- vious year Total to corre-	*****	78	15	3	7	4	9		125 1	10 11	11 10 2	201 10	±		*****
aponding date of pre- vious year	93,410k	3,06,821	1	•	28,134	8	8	14,45,617 10	3,30,350	2 6	30,282 1 10	0,37,271 3	es <mark> 08,9</mark> 50	80,392	149,348

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 7th April 1877, on 1.5811 miles open.

and the second of the second second		COACHING TRAFFIC.	MERCHARDISH AND MINERAL TRAPPIC.	Total recupts.
	Number of passencers.	Coaching receipts.	Waigut carried. Receipts.	i i
		Ra. A. P. & s. d	Mds. Sr. Rs. A. P. & s. d.	£ a. d.
Total traffic for the week	32,947	20,098 15 0 1,807 8 1	1,14,565 0 82,029 11 0 3,018 11 7	4,916 18 3
Or per mile of railway	208	130 12 9 11 19 9	P38 83 203 1 5 19 1 6	51 1 B
For previous 13 weeks of half-year	492,413	3,88,785 9 9 32,891 7 0	23,55,231 6 4,67,128 11 2 42,820 2 6	75,701 9 🕏
Total for 14 weeks	5:25,381)	3,79,404 8 0 34,778 15 1	21,83,796 6 8,60,458 6 2 43,638 13 7	80,617 × 8
Comparisor.		<u> </u>		
Total for corresponding week of previous year	80,907}	20,170 8 0 1,849 1H 8	1,02,616 12 28,459 4 3 2,608 15 4	4,487 14 0
For mile of railway, corresponding	195	127 7 4 11 13 8	1,027 25 170 13 5 16 9 8	28 3 4
Total to corresponding date of provious year	534,957	8,69,860 15 9 33,838 1 10	22,72,520 39 4,20,284 1 9 88,525 17 8	72,388 19 e

CALCUTTA AND SOUTH-RASTERN STATE RAILWAY. Approximate Return of Traffic for week ended 7th April 1877, on 28 miles open.

		G Coachies Traypic.	Merchardi	SE AND MINRRAL TRAFFIC.	Total
	Number of passingers.	Conching receipts.	Wolght carried.	Receipts.	receipts.
		Rs. A. P. & c. d.	Mds, Sr.	Re. A. P. & c. d.	· & e. c.
Total traffic for the week	9,376	1,465 0 0 146 10 0	19,095 0	781 0 0 74 2 0	254 12 0
Or per mile of railway	835	82 0 0 5 4 0	708 0	28 0 0 2 10 0	800
For previous 18 weeks of half-year	134,987	19,381 0 0 1,99H 2 0	2,43, 171 0	8,054 0 0 805 8 0	2,743 10 0
Total for 14 weeks	144,363	20,846 0 0 2,084 12 0	3,61,806 0	8,835 0 0 PMS 10 0	2,068 2 0
Comparison.					
Total for corresponding week of previous year Per mile of vailway, corresponding	9,365	1,317 15 6 181 16 0	21,075 20	752 12 3 75 5 6	207 1 6
week of previous year Total to corresponding date of	835	47 1 2 4 14 2	788 16	26 14 2 2 13 9	7 7 11
brealous here	140,919	18,976 13 8 1,997 13 9	2.60,345 10	8,476 14 6 847 13 9	2,745 🏲 6

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 7th April 1877, on 271 miles open.

•		Re.	A. P,	Æ s.	d.	Mds. 8r.	Rs. A. P.	£ e. d.	£ 1. d.
Total traffic for the week	1,951	999	0 0	99 18	0	5,277 0	462 0 0	46 4 0	146 3 0
Or per mile of railway	72	36	8 0	8 13	0	195 0	17 0 0	2 14 0	570
For previous 13 weeks of half-year	30,197	14,410	0 0	1,444 18	0	91,149 0	7,096 0 0	705 12 0	2,148 10 0
Total for 10 weeks	9 32,148	15,449	0 0	1,544 16	•	96,436 0	7,408 0 0	749 16 O	2,204 12 0
COMPARISON. Total for corresponding week of		•							
previous year		819	2 9	81 18	٠	8,09 7 0	36 1 11 9	36 3 6	115 1 10
week of provious year	61	30	1 0	3 0	1	135 27	18 4 8	167	4 6 8
vious year	9,827	14,500	5 7	1,436 18	9	1,29,544 0	10,042 5 3	1,004 4 9	2,461 3 5

No. 17 of 1877.

[REGISTERED NO. 29.]



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 25, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazuttu may receive the Supplument separately on payment of Six Rupess per annum if delivered in Calcutta, or Incelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

---- r4 Saturday, the 14th April 1877.

Present:

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, presiding,

The Hon'ble G. C. Paul, Acting Advocate-General,
The Hon'ble II. J. Reynolds,
The Hon'ble T. E. RAVENSHAW,

The Hon'ble S. C. BAYLEY,

The Hon'ble H. Bell,

The Hon'ble Baboo RAM SHUNKER SEN, RAI BAHADOOR,

The Hon'ble Bahoo Isser Chunder Mitter, Rai Bahadoor,

The Hon'ble Baboo Kristodas Pal, Rai Bahadoor,

The Hon'ble NAWAB MEER MAHOMED ALI,

The Hon'ble H. F. Brown,

The Hon'ble F. JENNINGS.

GHATWALI POLICE.

THE HON'BLE MR. BELL moved that the Bill for the regulation of the Ghatwali Police in the district of Bankoora be further considered in order to the settlement of its clauses.

The motion was agreed to.

The Hon'ble Mr. Bell said that when he had the honor to present the report of the Sclect Committee on the Bill, he stated that the Bill, as settled by the Select Committee, had met with the approval of the local officers, except as regards section 4. That section provided that when a ghatwal died or resigned his office, the next male heir, if physically fit, was to be appointed to succeed him, provided that the heir had not been convicted of a non-bailable offence under the Criminal Procedure Code. To that section both the Magistrate of the district and the Commissioner of the division were very strongly opposed. They arguedand he thought very fairly argued—that a man might be a person of unimpeachable physique, and might not have been convicted of a non-bailable offence, but might still be a very improper person to be made a policeman, as the ghatwals virtually were. Take for instance the case of a notorious budmash who had been required to furnish security for good conduct. It could not be contended that a man of that character would be a fit person to be appointed a ghatwal. But if section 4 of the Bill stood as it had been settled by the Select Committee. such a person would not only be eligible, but must be appointed to the office. It was therefore proposed that in the place of physical fitness we should substitute "personal" fitness. Up to the present time personal fitness had always been considered an essential qualification of the office, and though Mr. Bell was a consenting party to the substitution of physical fitness for personal fitness, the Select Committee in making that substitution had undoubtedly introduced an innovation. Under the existing custom, the heir of a deceased ghatwal always succeeded to the office, provided he was, in the opinion of the Magistrate, a competent and fit person; and in considering this question of competency and fitness, the Magistrate had invariably looked to the character of the man. He thought the Council would agree with him that in so responsible a post as that of ghatwal, it was desirable to secure, if possible, the services of respectable men. He held in his hand a decision of the Nizamut Adawlut passed in 1816-a decision which was referred to in Harington's Analysis, as containing the law which regulated the status and position of the ghatwals in Bankoora—and he would read to the Council a short extract from that decision. The Judges said, with reference to the Bankoora ghatwals, that-

"Although the grant is not expressly hereditary, and the ghatwal is removeable from his office and the lands attached to it for misconduct, it is the general usage, on the death of a ghatwal who has faithfully executed the trust committed to him, to appoint his son, if competent, or some other fit person in his family, to succeed to the office."

The object of the amendment was to maintain the law and practice as it had existed since 1816. He was free to confess that it was partly due to his suggestion that the words "physical fitness" were substituted in Select Committee for "personal fitness." But as the Magistrate and Commissioner were both very strongly opposed to the change, Mr. Bell thought the Council ought not to recede from what had been the law and practice from 1816 to the present time; and therefore he hoped the Council would adopt the an endment which he proposed, namely, to substitute the following for section 4 of the Bill:—

"If a heroditary ghatwal dies, or becomes physically unfit for the performance of his duties, or resigns with the approval of the Magistrate of the district, his next male heir shall be appointed in his place. If the next male heir is a minor, or personally unfit, some other male member of the family, if personally fit, shall be appointed to the office, and shall, if the next male heir is a minor, hold the same until such time as the minor shall attain majority, whereupon the said minor, if personally fit, shall be appointed to the office.

office.

"In case of disputed succession to a hereditary ghatwali tenure, the Magistrate of the district shall select the person whose claim shall appear to him to be the lest, and shall appoint such person to the tenure, provided that any claimant may establish his heirship by civil suit against the person so appointed; and if he be successful in such suit, he shall, if personally fit, be appointed to the ghatwali tenure in supersession of such person.

"In all other cases the appointment of ghatwals shall be at the discretion of the Magistrate of the district.

"All questions which may arise as to personal fitness shall be decided by the Magistrate of the district."

The Hon'ble Baboo Kristodas Pal said he thought it was an inconvenient procedure that when a Bill was agreed to unanimously in Select Com-

however, given good reasons why he had re-opened the question, and with the permission of the Council, Baboo Kristodas Pal would state the reasons which led the Committee to reject the proposal now brought forward. The arguments which the hon'ble mover of the Bill had now adduced in support of the amendment had been duly laid before the Select Committee, but they thought that, when a question of a hereditary tenure was at issue, the determination of that question should not be left entirely to the discretion of the Magistrate on the score of the personal fitness of the ghatwal. Accordingly his hon'ble friend suggested the substitution of the words "physical fitness" for "personal fitness," and with a view to exclude bad characters from the scope of the Bill, the last clause was added to the section. That clause provided that no person should be appointed a ghatwal who had been convicted of an offence which is non-bailable within the meaning of Act X of 1872, the Code of Criminal Procedure.

The Select Committee thought that that clause would meet the objection of the Magistrate; but it appeared from a letter which his hon'ble friend had received from the Magistrate that he was not satisfied with that amendment. Baboo Kristodas Pal for one must confess that he did not see any force in the arguments which had been advanced in support of the present amendment. The question of personal fitness was so vague and indefinite that he did not think it would be fair and just to deprive a man of his hereditary tenure at the discretion of the Magistrate. If the ghatwal proved incompetent, he would be duly got rid of under the provisions of the law. But before his incompetency was proved, the Magistrate might have heard a rumour that the man was a bad character, and on mere suspicion dispense with his services and deprive him of his hereditary tenure. He did not think that in dealing with rights of this character the Council should give their sanction to the exercise of such a discretionary power. Baboo Kristodas Pal would therefore support the section as it stood.

The Hon'ble Baroo Isser Chunder Mittee said that, as a member of the Select Committee, he thought it due to himself to state that the innovation referred to by the hon'ble mover of the Bill was made after sufficient consideration. The Select Committee had before it at the time the proposal submitted by the Magistrate, and the Committee gave it every consideration: it was on that account that the provision about conviction of a non-bailable offence within the meaning of Act X of 1872 was added. He thought that after all the consideration which had been given to the subject, the section, as it had been amended by the Select Committee, ought to stand.

The Hon'ble the Advocate-General said he considered that the amendment proposed by his hon'ble friend Mr. Bell left it so entirely in the discretion of the Magistrate to determine whether a person was unfit to be appointed a ghatwal, that it would be unsafe to vest such a power in the hands of any one person. These ghatwali ten ires were hereditary, and although the ghatwals had to perform certain duties, he was sure that the local officers would agree with him in saying that they had not been of a very onerous character, and were quite inadequate to the large tracts of land which some of them had got. He would suggest that the section in the Bill should stand, with the addition after the words "Act X of 1872" in line 10, of the words "or is a man of a notoriously bad character." He would also suggest the following addition after the first clause of the section:—

"In all cases in which a horeditary ghatwal is set aside, and another person is appointed to succeed instead of the next male heir, a report shall be made to the Local Government, and the sanction of the Lieutenant-Governor shall be necessary to make such appointment valid."

He did not think it proper to have it in the hands of the Magistrate alone to determine that a ghatwal was unfit. In legislating in this matter, he would desire not to say one word against the power not being properly used; but he thought it necessary to guard against the improper rejection of ghatwals by persons comparatively junior in the service, and he would recommend the retention of the section with the amendments he had suggested.

the wish of the Council; but he felt it right to say that his present amendment was in strict accordance with the present practice. Since the decision of the Sudder Nizamut Adawlut in 1816, the Magistrate had invariably determined the question of a ghatwal's competency and fitness. But if the Council desired it, he had no objection to the amendment of the learned Advocate-General being substituted for his own.

It was perfectly true, as his hon'ble and learned friend had stated, that up to the present time the ghatwals had not rendered very efficient service; but it must be remembered that the object of the Bill was to make them an efficient force, and he should be sorry to see a disreputable member of the community admitted to it. On the whole, he thought the substituted amendment would meet the object in view, and he would therefore withdraw his amendment in favour of that proposed by the learned Advocate-General.

HIS HONOR THE PRESIDENT said he thought the amendment of the hon'ble and learned Advocate-General met all the difficulties of the case, and he thought it was necessary to have some power of appeal from the decision of the Magistrate even as to physical fitness. Hitherto in cases of this sort the ghatwals had resorted to the civil court for redress, and there had been a great deal of conflict between the civil courts and the executive officers; the result of the appeal, which was now proposed to be given, would be to take these cases out of the hands of the civil court. Therefore, having taken the matter from the cognizance of the civil courts, we were bound to give to the ghatwals the greatest security possible, by giving an appeal to the highest executive authority in cases where, by any hasty or ill-considered order, the heir of a ghatwal might be deprived of his rights. He thought that, with the amendments now proposed, the interests of the ghatwals would be amply protected.

The Hon'ble Mr. Bell's amendment was then by leave withdrawn, and the Advocate-General's amendments were agreed to.

A clerical error in section 9 was corrected; and after a verbal amendment in section 21, the Bill was passed on the motion of the Hon'ble Mr. Bell.

EXTENSION OF THE LABOUR DISTRICTS' EMIGRATION ACT TO CHITTAGONG.

The Hon're Mr. Bell moved that the Bill to extend the Labour Districts' Emigration Act, 1873, to the district of Chittagong, and to the Chittagong Hill Tracts, be read in Council. He did not think it was necessary to trouble the Council with any further remarks, having explained the object of the Bill and the reason for its introduction at the last meeting. The provisions of Chapter III of the Act, referring to the regulation of labourers in the tea districts, were made applicable to labourers who were at present in the district of Chittagong. He did not think it was necessary that the Bill should be referred to a Select Committee. No new principle whatever was involved in the Bill; it was merely proposed to extend to Chittagong an Act which had worked most successfully in other districts.

The Hon'ble Mr. Brown said he did not know whether the hon'ble member had taken the sense of the community at Chittagong with respect to this Bill. He ventured to submit that if that had not been done, the reading of the Bill should be deferred until a reference had been made to those interested in the question at Chittagong, and their opinion ascertained. He did not himself know that there was any special objection to the application of the Labour Districts' Emigration Act to Chittagong; but he thought the Council would agree with him that the amplest opportunity should be given for expressions of outside opinion on a Bill of this nature. He would therefore suggest that the reading of the Bill should be postponed for three months.

HIS HONOR THE PRESIDENT observed that possibly the best course would be that the Bill should be read in Council and referred to a Select Committee, and then further proceedings upon it might be deferred for a reasonable time.

and then further proceedings upon it might be deferred for a reasonable time.

The motion was then agreed to, and the Hon'ble Mr. Brown having stated his inability to serve, the Bill was referred to a Select Committee consisting of the Hon'ble the Advocate-General, the Hon'ble Mr. Jennings, and

RATE UPON IRRIGATED LANDS.

THE HON'BLE MR. RAVENSHAW said that at the meeting of the Council on the 31st March he had obtained permission to introduce a Bill to provide for irrigation in Bengal, and the Bill had now been drafted and placed in the hands of hon'ble members. In 1876 an Act, No. III of that year, had been passed for the same purpose, but that Act was based on a principle of voluntary leasing. This system of voluntary leasing was found practically not to be leasing. This system of voluntary leasing was found practically not to be satisfactory, and it was therefore considered necessary to modify the existing law. The Bill which he had now the honor to introduce followed what he believed to be a more correct system, involving as it did compulsory rates upon all lands irrigated and protected by Government works. It should be understood that canals and irrigation works were not undertaken by Government as a speculation with a view to pecuniary profit, but they had been accepted as an imperative necessity in order to save the people from periodically recurring famine and flood, as well as the best means of improving the country, increasing its resources, promoting trade, and facilitating traffic. If the necessity for irrigation and prevention from flood needed any proof, the enquiries set on foot by Government after the Orissa famine of 1866, as embodied in the Embankment Committee's Report, would show that the cost to Government of maintaining embankments during twenty-four years was 12 lakhs of rupees. The loss of revenue caused by flood during the thirty-six years previous to 1866 was 19\frac{3}{4} lakhs of rupees, and the loss by drought during the same period was 25% lakhs—thus making the total of the Government remissions 45% lakhs. Again, in 1866 the actual loss, that was to say the value of the produce lost, was 89 laklis of rupees, and the estimated loss of crops sustained during the thirty-six years prior to 1866 was 300 lakhs of rupees. So that no possible doubt could exist as to the desirability of Government doing its best to avert such calamity - in fact, we were gradually coming round to the opinions of that apostle of irrigation, Sir Arthur Cotton, and beginning to recognize the fact that the salvation of a large portion of India rested on the speedy completion of works providing irrigation and protection and cheap communication. It might be said that these works had hitherto effected but little good, that the people did not appreciate benefits offered to them free, and that the costly works undertaken were not utilised. All this was to a certain extent true. In this country great difficulty was experienced in getting the people to move out of the old grooves in which they were brought up, and this fact was clearly proved a few years ago when Sir George Campbell's scheme for farms was put upon its trial. In spite of the great advantages offered, such as payment of rent, free supply of water, advice and assistance of Government officers, the people refused to avail themselves of them, and so strong was the caste feeling on the subject that some of those who had agreed to accept the offers made subsequently declined to do so, pressure having been brought to bear on them by their countrymen. But experience had shown that very few, if any, of those who once executed leases for canal water ever objected to do so again, or desired to abandon its use, and this was but natural, considering the advantages they derived from its use. In Orissa only a small portion of the canal system was complete, but wherever irrigation had extended, it was clear that it had been very beneficial to the people. There had been a general improvement of the population in irrigated tracts; semindars found no difficulty in meeting the calls for revenue, rayats paid their rents without hardship, and the value of produce was increasing. Rice, the staple, was now more than double the price current twenty years ago, and what was a very significant fact, during the last few years, that was to say ever since irrigation works had commenced, there had been no sale of an estate for arrears of revenue throughout that part of the district where the works were in operation. Personally he was not aware of the results of irrigation in Midnapore and Behar, but he believed he would be considered qualified to express an opinion as to Orissa, and knowing as he did of the great impetus that had been given to trade and general prosperity in that province during the past seven years, he believed there could be no doubt that similar results would follow an extension of canals and irrigation in Behar and elsewhere. For such benefits it was but just and proper that the people should be made to pay. A compulsory cess on irrigable and protected land would indeed partake more of the character of an insurance than a tax, and the payment even of the

maximum rate of Rs. 2 per acre on irrigable land should secure a minimum profit of Rs. 3-3 per acre in ordinary rice lands, and a considerably larger profit in two crop lands, although it was probable that it would be found inexpedient to impose the maximum rate at once. During the first year or two some labour and care in proportion of their lands for irrigation would require to be given by the people, and the duty would devolve on Government to educate the people in the use of irrigation water, so as to enable them to attain a maximum of produce. And as the Bill provided for the levy of the rate on only such lands as might be irrigable, protected, and drained, and as the canal engineers would have to certify that those conditions obtained before the rate could be levied—provision being also made for the remission of the rate whenever the supply of water might fail, or Government embankments give way—he thought no reasonable objection could be offered to the Bill, considering the imperative necessity that existed for works of this description. With these remarks he would move that the Bill to provide for irrigation in the provinces subject to the Lieutenant-Governor of Bengal be read in Council.

The Hon'ble Baroo Kristodas Pal said that, reading this Bill in the light of the opinions recorded by such eminent authorities as Sir George Campbell and His Grace the Duke of Argyll, when a similar proposition was mooted about six or seven years ago, he must say, with all deference to the hon'ble mover of the Bill, that it was a measure in which principle was sacrificed to expediency, and justice to convenience. The Bill surrendered the free trade principle on which the supply of irrigation water had hitherto been provided, and substituted coercion. It told the proprietor who owned the land, and the peasant who tilled it, "whether you take the water or not, you must pay for it. The work is there; it has been intended for your benefit; the expenses have been incurred; you may not have the intelligence to appreciate it; but money must be had, and you must therefore pay." It was, however, forgotten that when the works had been undertaken the people had not been consulted. primary object of the projectors was commercial profit, which the hon'ble mover of the Bill seemed to ignore, though the Government, from motives of benevolence or philanthropy, had guaranteed the interest on the capital. The schemes having proved financial failures, it was now sought to recoup the loss by imposing a compulsory irrigation cess upon the people of the districts through which the canals ran. Surely it could not be reasonable or just to tax them on the pretext that the works had been intended for their benefit. was not his individual opinion. The Hon'ble Council would doubtless attach much greater weight to the opinions of such an experienced administrator and such an eminent statesman as Sir George Campbell and His Grace the Duke of Argyll, than to those of any private individual like himself. Sir George had carefully studied the irrigation question, and, after making the fullest enquiry on the subject, he wrote as follows:-

"In the face of all these difficulties, notwithstanding my strong objections to a compulsory system, I was attracted by the somewhat tempting bait held out in the Punjab Canal Bill, where the compulsory rate is limited to lte. I per acre—a rate which, in a dry country like the Punjab, seemed very cheap for cold-weather crops, if the provision is bond fide carried out that an independent authority is to decide if the land really needs water and has an ample supply of it. It would be much more difficult to determine what really needs irrigation in the rainy season in Orissa: all lands do not want it there, and while one year it is beneficial, another year it is not needed. If once we depart from the straight path of voluntary contract, we do not know what we may come to."

It would appear that the hon'ble mover of the Bill, as Commissioner of the Orissa Division, had advocated the imposition of a compulsory irrigation rate, and Sir George Campbell replied as follows:—

"I must guard myself against any supposition that I can for a moment concur in the doctrine that it is fair to charge the interest of capital expended on the locality for whose benefit it was intended, that people who have no voice in the matter should be made to pay for engineering or financial failures, not because they are benefited, but because the projectors intended to benefit them."

Yet it was now proposed to impose a compulsory irrigation rate for reasons which Sir George Campbell had held were conclusive against it. It would be in the recollection of the Hon'ble Council that in 1869 the Punjab Canal Bill was passed by His Excellency the Viceroy's Council sanctioning

a compulsory irrigation rate; the Bill was in due course forwarded to the Secretary of State, who vetoed it in the following terms:—

"The object of the provision in question is to enable Government to secure itself against pecuniary loss in the event of a canal proving a financial failure. Such failure might ensue from three causes—a canal might not be able to supply for irrigational purposes the expected quantity of water; or the expected quantity being available, cultivators might decline to avail themselves to the expected extent; or excessive costliness of construction might, in order to render a canal remunerative, necessitate the imposition of higher rates than cultivators could afford, or would voluntarily pay. In the first case, under the proposed enactment, the loss consequent on Government having engaged in an unsuccessful speculation would fall, not upon itself, but upon the cultivators whom it had disappointed. In the second, cultivators would be forced to pay for water for which they had no use, or at any rate, were not disposed to use, possibly no doubt from imperfect appreciation of the value of irrigation, but quite possibly also from a perfectly intelligible desire to have part of their land under dry crops instead of all under wet. With regard to the third, none can require, less than your Government, to be reminded how prone to become excessive guaranteed expenditure always is; and under the provisions of the Bill, all expenditure on Government canals would be guaranteed. It will therefore be satisfactory to me to learn that the section to which exception has been taken can be so far modified as to obviate any objections."

BAROO KRISTODAS PAL had nothing to add to the objections so pithily described by His Grace the Duke of Argyll. The argument against the compulsory irrigation rate in the Punjab, he submitted, applied with equal force to

a compulsory irrigation cess in Bengal.

The hon'ble member in charge of the Bill informed the Council that in Orissa, during the thirty-six years preceding 1866, the State had been subjected to a loss of no less than 45 lakhs of rupees in the cost of maintaining embankments and remission of revenue in consequence of flood and drought. Now Baboo Kristodas Pal. held that this fact was more an argument against than in favour of a compulsory irrigation cess. It should be remembered that in Orissa the State occupied the position of landlord, and that, if a private landlord had certain obligations to discharge for the protection and welfare of the tenantry, the State landlord had also similar obligations to perform; that if it was the duty of a private landlerd to construct and maintain embankments, it was the duty of the State landlord to do likewise; that if it devolved upon a private landlord to grant remission of rent in calamitous seasons, it also devolved upon the State landlord to grant similar relief under like circumstances; and that, if the imigration works had saved the State this recurring loss, it ought to bear the cost of those works which were so remunerative to it. The hon'ble mover had said that the irrigation works in Orissa had a firm hold upon the people; that the ryot who once took the irrigation water would not let it go; that there was no retrogression, but progression. If such was the case, then why impose a compulsory rate? But BABOO KRISTODAS PAL was sorry to perceive from the Minutes of Sir George Campbell that the irrigation works in Orissa did not come into popular favour so smoothly and easily as the hon'ble member supposed. Referring to the proceedings of Mr. Kirkwood, who was then the Superintendent of the Orissa Canals, Sir George remarked:—

"It now turns out that his statements, showing the successful progress of irrigation, were in a sense fictitious, that is to say, by far the greater portion of his figures represented not irrigation which the people had agreed to take and pay for, but the area which, in the exercise of a despotic power, he imagined that he would call on them to pay for. The system was supposed to be entirely one of voluntary agreement, but the boul fide agreements covered but an insignificant area. For the greater part he had no agreements at all; some agreements were for large areas with persons who were not properly qualified to make them, and which fell to the ground; and where he had agreements, it was for no definite area, but for areas to be afterwards measured and ascertained."

This was the way the people were 'educated' to receive the irrigation water. Now, the strongest argument in favour of a compulsory irrigation rate was that the canals were an insurance against drought. But could this insurance be relied upon? Could this insurance be considered sure? Unfortunately the supply might fail when most needed. Banco Kristopas Pal at the last sitting of the Council quoted Sir George Campbell as to the inadequacy of the Orissa Canals in this respect. He would now quote the same high authority about the Midnapore Canals. Sir George remarked:—

"There was a really extensive demand for the water, the rules were considerably relaxed, and it was believed that the day of triumph had come. But unhappily all these prospects were darkened by a circumstance which the projectors of the canal do not appear

to have taken into account, though it seems obvious enough; the supply of water in the river which feeds the canals failed in October and November, just when water was most wanted. Short rivers, rising on the surface of dry uplands, must fail when the rivers fail. Though there was by no means so excessive a drought in Midnapore as in the rest of Bengal and Behar, the supply to the canal fell to 300 feet per second at the time when water was most necessary to the crops. This quantity will not suffice for much more than about 30,000 acres—so much was irrigated, but many applicants were sent away without water, and even to some of those to whom we had engaged to give it, a very short supply was available. It seems, then, that we cannot safely engage to irrigate very much more than 30,000 acres without the fear that we shall fail to do what we have undertaken to do in every dry season when the rains cease early. It is seldom that the water is an absolute necessity at any other time, and the serious question arises whether we can undertake to extend our irrigation subject to this risk, and how we are to distribute the supply when we have not enough for all."

Perhaps the prospects of the Soane Canal were more promising than those of any other. On this subject the hon'ble member (Mr. S. C. Bayley) who lately presided over the Patna Division with so much ability and success, would be able to enlighten the Council; but even as regards this canal, two experienced European zemindars and indigo-planters of Shahabad, Messrs. Thomson and Mylne, he saw in a public print, were of opinion that "the experience which the cultivators here (Shahabad) have so far had of the canal has not been such as to inspire them with any confidence that it will ensure them the supply of water for a given crop and at a time when it is really

needed."

It would be thus seen that if the compulsory irrigation rate was justified on the ground that the canals were an insurance against drought, that prospect, according to the testimony of experienced officials and non-officials, was doubtful. On the other hand, the ryots would be compelled to pay a uniform rate in good years as well as bad years, both when there would be an abundant rainfall when they would not require the canal water, and when there would be drought when they would most urgently require it, but might not get it in sufficient quantities. Then the benefit of irrigation was not equal; some cultivators might profit, others might lose; but all would have to pay the same rate. That land suffered from the too close contiguity of the works was well known. He had received a letter from a semindar of Hooghly, Baboo Lalitmohan Singh, who owned some villages near the Ulubaria Canal. This gentleman complained that his ryots in thirteen villages which he had named could not get any crop owing to the overflow of the canal and obstruction to drainage. He would read the following extract from this gentleman's letter:-

"lst.—These villages being low, the lands seldom require to be irrigated, inasmuch as

the ordinary rainfall there is quite sufficient for purposes of cultivation.

"2nd.—The canal does not, and in fact cannot, drain off the water that accumulates in

the lands and villages.

"3rd.—Some of the sluices of the canal having been closed, the villages could not be drained out of the rain-water that had accumulated in them since the rainy season; and the lands are still under water and quite unfit for cultivation.

"4th.—The water having deposited on these lands totally destroyed the paddy, the only crop that grows in that part of the country, and impoverished the ryots and cultivation.

"5th.—The accumulation of water in these low lands and villages for a considerable

length of time placed the villagers in great difficulty in procuring fodder for their cattle, on the existence of which, as agriculturists, they mainly depend.

"6th.—This submerged state of the lands is calculated to generate malaria, which is always produced by an excessive humidity of the soil. Indeed, the people complain of the villages having already become unleadthy."

And yet, if this Bill were passed, the ryots of these unfortunate villages, who could not get crops or fodder for their cattle, would be subjected to a compul-

sory irrigation rate.

With regard to the provisions of the Bill, BABOO KRISTODAS PAL could not understand why two rates should be levied—the one called "irrigation rate" and the other "protection rate." The protective works were required for the protection of the irrigation works, and thus formed a part and parcel of the irrigation system. Where the embankments would not be required for the protection of irrigation works, they would be put up under the Embankment Act, either at the expense of the State, or of the holders of the land, as the case might be; and if the latter, an embankment cess would be imposed upon them. Surely it could not be intended that a double cess, would be levied for embankments. Then again it was provided that all irrigable

lands should be liable to the irrigation rate; but how was the area to be defined, and who was to define it? It would seem that the Government would not be bound to supply water at a greater distance than a mile from certain irrigable lands—this provision was not at all explicit—but was that to be the limit of the irrigable area? The Bill was not at all clear upon the point; it left the determination of the boundaries of the irrigable areas to the discretion of the canal officers, who would be naturally anxious to swell the revenue.

Lastly, he was at a loss to know why the carefully prepared sections in the Irrigation Act of 1876, regarding the construction of village channels, had been left out of this Bill. Those sections had previded for due compensation to cultivators for lands which might be taken up for village channels; but the present Bill required that a free passage should be given for village channels. Now, for every acre of land, no small portion of it would be taken up for village channels, and it did not at all stand to reason that one cultivator should give up his land free of charge for the benefit of another, simply because the village channel would be common. This part of the Bill Baboo Kristodas Pal thought was a direct invasion of private right.

thought was a direct invasion of private right.

For these reasons, he continued to say, he could not accept the principle of the Bill. He was free to confess that the Local Government was in a difficult position; it had been required to raise money for the maintenance of the works, and it must fulfil its task. But he would venture to ask why, if seven years ago the Secretary of State, after full enquiry and deliberation, had decided that a compulsory irrigation rate was most objectionable, was there to be no fixity or continuity in the policy of the Government? It could not but be deeply regretted that this retrograde move should be made in a province where the

principles of progressive government were so fully recognised.

The Hon're Mr. Bayley said he had not intended to trouble the Council on that occasion. In fact he had not had the opportunity of reading through the Bill. But since he had been asked by the hon'ble member, who opposed this measure, to speak to the fact whether irrigation, as far as it had gone in Shahabad, had been a success or a failure, and as he had recently to consider a good deal the question of imposing a compulsory rate, he ventured to trouble the Council with a few remarks.

In regard to the principle of the Bill, he thought the matter had been perfectly settled. He might remind the Council that the principle of making the people pay for protection was not absolutely new; certainly was not confined to payment for the supply of water. The very Bill his hon'ble friend had quoted was based upon that principle; it was the principle that zemindars and others, who were supposed to be benefited by the maintenance of embankments, were made to pay for the cost of keeping them up. The hon'ble member asked whether the officers who were most interested in the success of irrigation works should be vested with a discretion in the imposition of the rate for the maintenance of those works. To this Mr. Bayley would reply that precisely the same discretion which was objected to in the case of the Canal Officer was vested in the Embankment Officer in regard to the imposition of the embankment cess; and it was the same in regard to the road cess. The persons who paid for embankments and roads were not asked whether they wished them to be made; the assessment was made upon them, and they paid it.

The main question of the imposition of a compulsory rate had been already settled, and he would not therefore take up the time of the Council in discussing it. To his mind the great advantage of the scheme really was that it did away with the hosts of peadahs and amins and subordinate officers of the Canal Department who, under the present system of measurement and voluntary purchase of water, preyed upon the people who took the water. He recently had a specimen of the operation of the present system brought under his notice in a criminal case which arose out of an irrigation dispute, and the village papers had to be referred to. In 1875 water was given by contract with the headmen of villages. Two men contracted for a certain village, and the water was given. An amin was sent to measure the land to which water was given, and he measured 110 beeghas. The rate at which water should have been given varied between Rs. 3 and Rs. 1-4. Instead of submitting his measurement papers accordingly, the amin submitted measurements of 79

beeghas only, assessed at a uniform rate of Rs. 1-9, thus swindling his department of the difference; and for this arrangement it appeared that the ryots of the village had to pay the amin Rs. 25. Doubtless this same sort of swindling went on systematically and habitually all the year round. He thought that anything which did away with a system of perpetually recurring demands of small sums, and the consequent opportunities for bribery and extortion, was really, although he scarcely hoped his hon'ble friend would see it, a positive

benefit to the ryot.

In regard to the Scane Canal, and the remarks of Messrs. Mylne and Thompson to which reference had been made, they said that the ryots of Shahabad had not much confidence in the way the water was given out, nor any certainty that there would be a sufficient supply of water when needed. The history of the canals would throw some light on this assertion. In 1873, before the canals were at all finished, there was fear of great drought, and the canal officers were told that they would have to give water at any risk. They cut the sides of the canals and gave water freely, and the result was that the cultivation on an enormous area was saved: the figures were given in Sir Richard Temple's famine report; it made the difference between famine and no famine in Shahabad. They made no attempt to give the water again the next year; but the cutting of the banks in 1873 threw back the works greatly. In 1874 no water was given. In the autumn of 1875 there was again great fear of drought, and again, although arrangements had not been made, and the irrigation law had not been passed, the irrigation officers were once more called upon to give water. He need hardly state that the water was given; contracts were made; and the Collector was told to try and collect the rates. But he had no law to help him, and had to depend upon the good will of the ryots and moral persuasion: a great amount of money was not collected, and he believed it never would be. Practically until the last autumn there had been no regular system, so that although Messrs. Mylne and Thompson were perfectly justified in concluding that, so far as the past went, the ryots had no confidence in the way water was given out, it would be very unjust to make any comparison on the basis of the hasty transactions above mentioned with the system which would be pursued in the future. Mr. BAYLEY thought that if in any part of the country irrigation works ought to succeed, it should succeed in Shahabad; it was a district in which water was needed, and where the people knew the advantages of irrigation. It was merely the substitution of one system of irrigation for another. At present the people gave their own labour in preparing reservoirs and irrigation channels to their villages; they got no payment for the labour, only the food of the laborers for the day: they proceeded upon a principle of co-operative labour of their own. He thought the substitution of one system for another might give some trouble at first, but the people would soon find that the water was given to them cheaper and with less labour than under the system to which they were accustomed.

The Hon'ble the Advocate-General said that he would briefly advert to the arguments adduced by the Hon'ble Baboo Kristodas Pal in opposition to this Bill. He was surprised to hear that hon'ble gentleman state that in passing the present Bill this Council would sacrifice principle to injustice. A very cursory glance at the subject in its true bearings would dispose of that view of the proposed measure. In order to avert as far as possible the disastrous results of dreadful calamities which might befall the province of Bengal at any future time, the Government had constructed, and would have to construct, works for purposes of irrigation at a heavy outlay, and would have to maintain them at considerable cost. If contributions towards the maintenance of such works were to be merely voluntary, it might happen that such contribution might be paid once in ten or more years by the people of a particular locality then visited by drought availing themselves of the water-supply brought to them at great expense for their benefit and convenience; and although matters might not turn out as he had just stated, the Government must, by way of anticipation, have the water-supply ready at hand to be used whenever an emergency arose, and must maintain the same at the cost of the general revenues of Bengal, thereby saddling those who had not the remotest interest, nor were likely to be in any manner directly benefited, with the expenditure incurred in the maintenance of works

of irrigation. In the view the hon'ble member took of the matter, this course would be just, equitable, and proper. It was, however, obvious that such a position could not be maintained. It was self-evident that it would be unjust and unfair in the extreme that the maintenance of works constructed in a particular locality for strictly local purposes should be defrayed out of general revenue. It was almost axiomatic that these expenses should be met by those for whose immediate benefit they were incurred, and that was the principle which the present Bill affirmed and proposed to carry out in practice. The maxim "that he who obtains a benefit should bear the burden" was one of universal application. Now it was clear that works of irrigation could not be constructed in future, nor could they be maintained any longer, under the voluntary system now in force, and the sole question regarding them lay between the choice of one of two alternatives, namely, whether they should be maintained at the cost of a small payment by those who were, or were likely to be, benefited thereby, or whether the enterprise should be altogether abandoned. Humanity alone dictated the true answer and pointed out that alternative which should be adopted, and that was the basis of the present measure.

The attempt to escape from local taxation had been invariably founded upon some supposed and occult duty which, it was stated, obliged the Government of the country to do the particular act or execute the works required at particular localities for the due protection of lands and population in reference to which a local tax was needed. The present suggestion, that it was the duty of the Government at its cost to construct and maintain the works under notice, was a repetition of the argument used on the subject of the Embankment Bill, the Road Cess Bill, and others of a like nature; and although this argument had been refuted and its fallacy exposed, its vitality and elasticity were such that it had survived the storms raised against it and continued to flourish with unabated vigour, and to be used wherever it was thought practicable to introduce it. Now, it was well known that zemindars were under the obligation, by virtue of their kaboolyats or contracts with the Government, to maintain embankments and to do other necessary acts for the protection of their estates, and it was for the purpose of providing machinery to carry out that obligation that the Embankment Act was passed. Zomindars had either wholly disregarded or very imperfectly performed their duties, and when the time came to have those duties specifically enforced by an Act, they were found pleading their own laches and inaction as excuses for the non-performance of their duties, and as indicating that these very duties were those which had devolved on the Government. Such was the lame plea then advanced, and of precisely the same elements was the present plea composed.

He thought it could not be denied that cultivators of land, who enjoyed

He thought it could not be denied that cultivators of land, who enjoyed possession of land on payment of rent, were under the obligation of cultivating in a fair and reasonable manner; and it appeared to him that such a form of duty comprehended within it the necessity of some expenditure of money being made by them on subjects or appliances which might enable them to cultivate under unfavourable circumstances. Regulation I of 1793 broadly stated it to be the duty of proprietors of land to exert themselves in the cultivation of their lands

(see section 7 of Regulation I of 1793).

It was proposed by the present Bill to bring, at a small contribution from persons interested in land, within the reach of cultivators water-supply, to be used at all times if necessary, but more especially in times of drought. Such supplementary assistance, when taken advantage of, operated in furtherance of the obligation on the part of cultivators to which he had adverted; and, inasmuch as it was afforded in consequence of works undertaken by the Government which the cultivators were wholly unable to accomplish by themselves, it was a means of assistance which should be accepted by all prudent and careful cultivators as a great boon conferred by the Government.

Opinions of eminent men had been cited by the hon'ble member as bearing out his views and showing conclusively that the use of water supplied should be voluntary and not compulsory. These opinions were more or less speculative: they were delivered in anticipation of what might occur, and upon a different state of things. It appeared to him that one of the fallacies that lurked in the views of the hon'ble member was the placing of such great stress on opinions not applicable to the present state of things. The Advocate-General preferred to

construct any theory or opinion upon existing facts, and having heard it declared by the Hon'ble Mr. Ravenshaw, whose experience in reference to, and familiarity with, the subject of debate were very great, that the effect of irrigation in those cases in which cultivators had availed themselves of water-supply had been to treble their profits from land so irrigated, and that in his opinion, founded on facts and figures and a survey of events for a great number of years, a general scheme of irrigation in localities where it was needed would be not only productive of much good, but operate to remove the causes of deplorable losses, the Apvo-CATE-GENERAL was necessarily led to the conclusion that the proposed measure before the Council was a prudent and laudable one, calculated to confer immeasurable benefits upon the people. Once having realized in his own mind the full force of that conviction, he felt himself bound to give his most unqualified support to, and approval of, the present Bill.

So much, then, for the general principle of the Bill. The hon'ble member had also endeavoured to show that supply of water in times of necessity would be a delusion; that it had in some instances failed at Midnapore, and would do so in all probability when urgently needed. He had from these premises argued that it would be unjust to compel people to pay for a thing which might be of no use to them. It had, however, been provided by section 53 of the Bill that should the water-supply fail, there would be a remission of payment.

It might be that engineering skill had not attained such excellence as to set at rest the question of the possibility of failure under certain contingencies; but it must be borne in mind that difficulties were only surmountable by experience and in due course of time. It was to be hoped that precautions would be taken against such failures as were complained of. Where the physical circumstances of particular localities were such that a reasonable certainty was not found to exist in respect of an abundant supply of water at all times, probably works of irrigation would not be introduced into such localities.

To abandon an enterprize so full of hope and so well calculated to prove beneficial would be wholly unworthy of any Government which zealously sought the welfare and prosperity of its people.

The Hon'ble Mr. Bell said he wished to make one or two remarks upon an argument which had been very prominently insisted upon by his hon'ble friend opposite (Baboo Kristodas Pal). The hon'ble member had stated that these irrigation canals were only useful in years of excessive drought, and that in such years they invariably failed. Now there was a certain amount of truth in that statement. It was perfectly true that when a canal was fed by a river which had a small catch-basin, and which therefore depended upon the local rainfall for its supply, if the rainfall was insufficient the water in the river would be insufficient also; and the Midnapore canal, which had been alluded to by his hon'ble friend, was to a certain extent obnexious to these objections. That canal was fed by the river Cossye, a river with a very short course, and therefore principally dependent for its supply of water on the local rainfall; and in exceptionally dry seasons the water from the Midnapore canal did partially fail, but not to the extent his hon'ble friend supposed. It failed only to a partial extent. The area irrigable by that canal was estimated at 140,000 acres, but in the exceptionally dry season of 1872 the canal only irrigated 48,000 acres. The Council would thereforc see that though there was a failure of water, there was not a total failure. but that in spite of the drought it still possessed very great irrigable power.

But the objections which had been brought forward against the Midnapore canal had absolutely no relation whatever to the other two schemes to which the Bill chiefly referred. The Orissa canal was fed by the river Mahanuddy, and the Soane canal by the river Soane. Both these were rivers with very long courses, stretching far into Central India and fed by the mountain ranges in those localities. In 1873, that severe year of drought, when the Midnapore canal partially failed, it was found that the Orissa canal had sufficient water to cover the irrigated area it had undertaken to supply. The same was true of the Soane canal, and therefore he thought the hon'ble gentleman's argument in regard to the canals failing in the time of drought had been completely refuted by the experience of 1873. With regard to seasons in which there was no drought, his hon'ble friend Mr. Ravenshaw had shown from experiments which had been actually made that the outturn of an acre of irrigated land

considerably exceeded the outturn of an acre of unirrigated land, though the unirrigated land had enjoyed an abundant rainfall. But Mr. Bell thought the comparison made by his hon'ble friend was hardly fair. It was hardly fair to compare irrigated land against unirrigated land when there had been a bumper supply of rain. It might be conceded that irrigation would not be needed if we could always depend upon the rain; but every one knew that every second or third year there was a deficiency of rain at the proper season, and if the advantages of irrigation were to be fairly tosted, a comparison should be made between irrigated and unirrigated land in a year in which there had

been a partial failure not amounting to actual drought.

There was another observation which he wished to make upon a remark which had fallen from his hon'ble friend. The hon'ble mover of the Bill had stated that during the 36 years which preceded 1866, the Government had made remissions of revenue amounting to Rs. 45,00,000; and his hon'ble friend Baboo Kristodas Pal, arguing from this fact, contended that it was the interest of Government, as a landlord, to construct these works, to obviate the necessity of making these heavy remissions of revenue. But his hon'ble friend forgot that it was also stated that while the Government remitted Rs. 45,00,000 of revenue, the loss to the cultivators amounted to Rs. 3,00,00,000; that is to say, while the Government lost Rs. 45,00,000, the ryots lost Rs. 3,00,00,000. But owing to the construction of these irrigation works there had been no destructive inundations since 1872, and consequently the value of land had very considerably increased. Formerly land in Orissa was sold at fourteen years' purchase; since 1872 the value had risen to nineteen years' purchase.

There was another interesting fact which Mr. Bell would mention to the Council. There had always been a distinction made between lands liable to inundation and lands which were not so liable; lands liable to inundation being assessed at Rs. 1-3-10 less than land which was protected from inundation. Now all land within this irrigable area was protected from inundation, and surely it was reasonable that when works which had been constructed at a great cost had secured the country from inundation, and when the zemindar would by reason of these works be enabled to raise the assessment on land which was formerly unprotected to a level with that paid for protected land, the Government which had constructed these works should get some return, and that the whole of the profit should not be absorbed by the zemindars

and the ryots alone.

He thought that the Council would agree entirely in what was stated by the hon'ble member opposite (Mr. Bayley) regarding the main provisions of the Bill, and the great advantage which would result to the country by substituting a compulsory for a voluntary rate. The present system, as far as MR. Brul understood it, was this: the ryot had to enter into a written contract with the Irrigation Department, stating the quantity of land for which water was required. After the contract was made, an officer of the department was deputed to measure the land, and during the whole of the irrigation season constant visits were made by the subordinate officers of the department, to see that the ryot was not applying the water to land for which no water-rate had been paid. That system was open to two great objections. First, it entailed upon Government an enormous cost in establishments—a cost which at present was absolutely in excess of the revenue derived by the sale of the water. In the second place, the frequent inspection of the land by the officers of the Irrigation Department was extremely distasteful to the ryots. Now by the imposition of a uniform irrigation rate both these objections would be removed, the cost in the working expenses would be greatly reduced, and the ryots would be saved from the constant visits of the officers of the department, to which they entertained a strong objection. He felt convinced that before the Act had been three years in operation every ryot who lived within the irrigable area would be a convert to irrigation, and those districts through which these irrigating canals passed would become the most fruitful and most prosperous in Bengal.

HIS HONOR THE PRESIDENT said he did not understand that his hon'ble friend intended to oppose the reading of the Bill, and therefore it was not necessary for him to say much. But his hon'ble friend had, as usual, stated his objections

to the principle of the Bill very ably and very clearly, and it was due to him. that His Honor should say something in reply to the remarks which had been made.

In addition to other fallacies which had already been exposed by the hon'ble and learned members on the right (the Advocate-General and Mr. Bell) there were two great fallacies which pervaded the arguments of his hon'ble friend and misled him in respect of all his conclusions. One of these two fallacies was that the object of the Bill was to impose on the people of Orissa and Behar the duty of paying the whole of the interest on the expensive works which were constructed for the purpose of irrigation. The other fallacy was that there was an individual Government, which possessed a purse of its own quite distinct

As to the first fallacy, he would observe that the Bill did not do anything of the nature of that inferred by the hon'ble member. If it did do so, he should not have had to ask the Council last week for leave to bring in a Bill for raising a general cess throughout the province, for the object of that Bill was to raise the money necessary to meet the cost of these works. The object of the present Bill was simply to supplement that, and to give effect to the very just and reasonable principle that the people who benefited specially from these works should pay some little sum more than those who received no benefit from them. All the arguments which had been quoted by his hon'ble friend rested upon the two great fallacies to which H1s H0xor had alluded; and the views of the Secretary of State and of Sir George Campbell which had been quoted also referred to a perfectly different state of things to that which they were discussing. If the present measure had ever been laid before Sir George Campbell, His Honor had no doubt that he would have held very different The measure then before him was one for imposing on the people of Orissa the whole burden of works which cost many millions of money—a burden which he well knew the people of Orissa were unable to meet. What was now proposed was to impose a small rate, which would hardly do more than meet the cost of the establishment requisite for delivering the water. If we could impose upon the people of Orissa the whole cost of these works, we should have had no further occasion to tax the province generally. He thought his hon'ble friend would see that it was one thing to levy a light cess to cover the working expenses of irrigation works, and on a slight portion of the interest on the outlay on the people of the parts of the country who benefited from the works, and another thing to throw upon those people the whole burden of the interest on the entire capital. From the measure now proposed, we hoped to realize only some eight or ten lakhs of rupees. The amount to be met for interest upon these works was twenty-three lakhs. What had been done had really been what his hon'ble friend desired. The burden had been, as he suggested, taken over by Government. But then the question arose, what was this Government? Hitherto it had been the Government of India, and the way that Government paid for the works was by taxing the people of India generally.

The people of all India paid for watering the fields of the people of Orissa and protecting them from risk of drought. Now, on what His Honor thought a right and just principle, it had been determined that the Government which was to meet the expense of keeping up these works was the local Government, and the people whom that Government represented were the people of Bengal; therefore under these Bills taxation was about to be imposed by the Government, which would be raised from the people generally whom that Government represented, while some small portion of it would be raised from the people of the districts specially protected and benefited. He need hardly point out that the Government could only pay for such charges as this by taxation in some form or another; it had no reserve stock of its own in which the people had no interest and concern, and the only question at issue was who should pay for local works-local interests represented by local Government, or imperial interests represented by the Imperial Government? He could not understand how there could be any doubt on the subject.

His hon'ble friend seemed to think that the Government was in a peculiar position in respect to Orissa on account of what he called its relation to the people as landlord. But he was under a misapprehension, because, although

under the present system of Orissa the assessment of revenue was liable to periodical revision, the Government was no more the landlord in Orissa than it was in the Punjab or anywhere else. The Government had only interest in the general progress and prosperity of the country arising from . its power of making a periodical re-settlement of the land revenue. The principle of making the people pay something towards the benefit they derived from a water-supply was no new principle, as the hon'ble gentleman seemed to think. It had been approved over and over again by this Council in the Embankment laws and in the Drainage laws, and in the laws relating to the levy of water, police, drainage, and lighting rates in towns; and he thought his hon'ble friend would be surprised if a proposal had been made to call on the people of Orissa to pay for the water required by the people of Calcutta. The people of Calcutta did not do that, but they had submitted to a tax for the introduction of a water-supply in the town, for lighting and sanitation, feeling that they might reasonably be asked to pay for divers benefits they received. The Bill before the Council was of the same nature; the people of Orissa had benefited by the construction of the irrigation works, and they were now asked to pay something for their water-supply. He heard it very constantly asserted by those interested in the land that every burthen was thrown upon the land. But he ventured to think that the tendency of modern legislation was the other way. Merchants, traders, and shop-keepers were made to pay for everything that was given to them in the shape of water, light, and police; while the cultivators of the soil had not been made to pay for anything. The cultivators of Bengal, and indeed the landed interest generally, paid little or no taxation; they paid their rent for their land, or the revenue which they had agreed to pay when taking a settlement for their estates, and as salt tax they paid something very nominal; but for all the benefits of good administration and protection they paid absolutely nothing else. Whenever proposals were made with the object of making those interested in the land pay something, the objection was raised that they were made to pay for everything. He helieved that there never was such a delusion. He thought that on further consideration his hon'ble friend would see that the principle of the Bill was not what he believed it to be. It was not a Bill to impose a very heavy burden on the people, but to make them pay something very much below the value, and still more below the actual cost of certain definite benefits conferred on them.

Many of the objections as to details which had been made had already been met by the hon'ble members who preceded him, and there was therefore no necessity for him to say anything further; but he might observe that his hon'ble friend had made a great deal of the failure of the Midnapore canal. But that canal, even admitting that it deserved all that was said about it, was, as his hon'ble friend Mr. Bell had pointed out, only a small portion of the scheme, and His Honor did not intend to apply the principle of the Bill to any area in Midnapore regarding which they had the slightest doubt. He had given instructions that the area within which the Bill was to apply should be restricted to the utmost degree, so that there should be no part of a district subjected to the rate to which the Irrigation Department was not in a position to supply water. The Midnapore canal signified very little one way or the other: it cost little, it was calculated to bring as little. Therefore, every argument based on the failure of water-supply in the Cossye river might, as had been shown by his hon'ble friend Mr. Bell, be left out of the question. The Government would, under the section of the Bill which had no doubt attracted the hon'ble gentleman's notice, have no power to impose a cess on any part of the country in which it was not in a position to supply water and also to effect good and efficient drainage.

Then, he thought, the hon'ble member, in his objection to the arbitrary power which he believed was to be conferred upon the canal officers, had overlooked the provisions of section 71 of the Bill. Really the whole thing rested upon the Collector of the district, and His Honor did not know any officer who was so likely to be disposed to guard the rights of the ryots as the Collector. By section 71, when the list of estates and tenures within the irrights area was prepared, they would be checked by the Collector, and after approval by him would be published; and although the detailed work would

be left in the hands of the canal officer, the Collector was responsible for the justness and correctness of the whole of the work. His hon'ble friend, as a member of the Select Committee, would have an opportunity of suffersting any further protection he considered necessary.

The Hon'ble Mr. Ravenshaw observed that he had again to call attention to the fact that the irrigation works were for the purpose of providing irrigation as well as protection and drainage to the whole of the areas to which the Bill was intended to apply. He thought that that alone was quite sufficient to dispose of any objection to the Bill.

The motion was then agreed to, and the Bill referred to a Select Committee consisting of the Hon'ble Mr. Reynolds, the Hon'ble Mr. Bayley, the Hon'ble Baboo Ramshunker Sen, the Hon'ble Baboo Kristodas Pal, the Hon'ble Nawab Meer Mahomed Ali, and the Mover, with instructions to report in three weeks.

The Council was adjourned to Saturday, the 28th instant.

RESOLUTION ON THE REVENUE SURVEY OPERATIONS IN THE LOWER PROVINCES FOR THE YEAR ENDING 30TH SEPTEMBER 1876.

BEAD-

A letter No. 285A, dated 24th March 1877, from the Board of Revenue, submitting a report on the Revenue Survey operations in the Lower Provinces during the year ending on the 30th September 1876.

THE most important operations now being conducted under the orders of the Survey Department in Bengal are those connected with the cadastral survey in the Shahabad, Patna, and Gya districts, which have been undertaken on account of the Soane Canal irrigation works. There are two parties at work-one at present at Gya, and the other at Shahabad; and altogether an area of 501 square miles, 877 villages, and 1,173,676 fields were surveyed during the year. The number of fields is unusually great, and the average size less than one-third of an acre; thus vindicating the adoption of the large scale of The Lieutenant-Governor agrees with the Board 32 inches to a mile. of Revenue that, considering the difficulties with which the parties have had to contend, the absence of preliminary demarcation, the ignorance of the ameens, the small size of the field, and the large scale of the survey, the progress made has been satisfactory. At the same time it is apparent that the greater part of the work still remains to be done, viz. 221 square miles in the Gya district, 300 in Patna, and 1,107 in Shahabad. It is estimated that 400 square miles will be completed by the Patna and Gya parties in the present year, and that the Eastern Soane irrigation survey will be brought to a close early in 1877-78. Both the parties will then unite in order to complete the district of Shahabad as soon as possible. This survey has now become an especially urgent work in connection with the arrangements for imposing a cess on all lands irrigable by the Soane Canal, as it will be impossible to assess all the lands effectively until the survey is complete. Every effort must therefore be made to assist the survey parties and finish the work. The Lieutenant-Governor observes from Colonel Vanrenen's statement that no funds have yet been provided for the publication of the maps, without which the survey by itself can be of little use. This part of the report will be transferred for early disposal to the Irrigation Branch of the Public Works Department.

- 2. No remarks are called for regarding the cadastral survey of the Khoordah estate in Orissa, or of the Dhanwar estate in Hazareebagh. Of the Midnapore district it may be mentioned that 1,000 square miles were surveyed in detail and 115 square miles in boundary in advance for 1876-77, and that it is expected that this work will be completed in the current year.
- 3. The Deara survey is employed in showing the changes which have taken place in the river lands of the Ganges and Megna from Furrecdpore to the borders of Backergunge, a distance of 140 miles, with an average width of seven miles. Care has been taken to erect permanent pillars on tri-junction stations at some distance from the river. The Lieutenant-Governor observes that the Board are about to address Government specially with reference to these deara surveys, and he will await their report.
- 4. The work of demarcation in the Midnapore division, which was being carried on by a non-professional survey under Mr. Beadon, the Senior Superintendent, has been concluded, and with the conclusion of the work the appointment of Superintendent, which had fallen substantively vacant, has ceased to exist. The miscellaneous pending work will be disposed of by the Settlement Officer of Midnapore. The Lieutenant-Governor is glad to notice, on the occasion of Mr. Beadon's transfer to another sphere of duty, the favourable mention that is made by the Board of Revenue of his services in the Survey Department during the year.

By order of the Lieutenant-Governor of Bengal,

REVENUE DEPARTMENT, Calcutta, 24th April 1877.

H. J. S. COTTON,

Junior Secy. to the Goot. of Bengal.

RUNGPORE HIGH SOHOOL SCHOLARSHIPS.

GENERAL DEPARTMENT .- EDUCATION .- No. 1122.

Calcutta, the 19th April 1877.

From-Colman Macaulay, Esq., Acting Assistant Secretary to the Government of Bengal,

To-The Offg. Commissioner of the Rajshahye and Cooch Behar Division.

WITH reference to your letter No. 10, dated 6th April 1877, and enclosed memorandum, and in continuation of Government order No. 428, dated 9th February 1877, I am directed to state that the Lieutenant-Governor is pleased to accept the sum of Rs. 15,000, subscribed by the zemindars and other inhabitants of Rungpore for the foundation, in connection with the High School at Rungpore, of two scholarships of Rs 15 and Rs. 10 per mensem respectively, tenable for two years each. His Honor sees no objection to the scholarships being called, as desired by the subscribers, the Senior and Junior Victoria Scholarships.

2. The Lieutenant-Governor is pleased also to authorize the Collector of

the district to take charge of the subscriptions.

3. A copy of these orders, and of your letter under acknowledgment, including its enclosure, will be published in the next issue of the Calcutta Gazette.

No. 10, dated Darjeeling, the 6th April 1877.

From-LORD H. ULICK BROWNE, Commr. of the Rajshahye and Cooch Behar Division, To-The Secretary to the Government of Bengal, General Department.

REFERRING to the correspondence noted in the margin, I have the honor

From the Commissioner of Rajahahye and Conch Behar Division, to Government, No. 1465, dated 1st February 1877.

From Government, No. 428, dated 9th February 1877.

to report that the zemindars of Rungpore have requested the Collector of that district to purchase Government stock of the value of Rs. 15,000 with the money subscribed and already paid in, and to hold the same in trust, and spend the proceeds in

the manner explained in the enclosed memorandum.

2. The Collector requests that he may be authorized to accept the trust, and that measures may be taken to obtain the gracious permission of Her Majesty to the use of her name for the scholarships it is proposed to award.

3. I recommend both requests for favorable consideration.

Memorandum by K. D. GHOBE, M.D., President of the Committee appointed by the Zemindare. of Rungpure.

Two scholarships, to be styled "The Senior and Junior Victoria Scholarships," will be given every year in commemoration of the proclamation of the assumption by Her Most Gracious Majesty the Queen of the title of Empress of India on the 1st January 1877.

The janior scholarship, of the value of Rs. 10 per mensem, will be given to the first boy who, after having passed the University entrance examination from any school in the Rajshahye and Cooch Behar Division, fails to obtain any other scholarship, provided he joins the high school of Rungpore and prepares himself there for the first examination in arts. This scholarship will be tenable by him for two years, provided he evinces industry and conducts himself to the satisfaction of the school authorities.

The senior scholarship, of the value of Rs. 15 per mensem, will be given to the first boy who, after passing the first examination in arts at the Calcutta University from the high school at Rungpore, fails to obtain any other scholarship. It will be tenable by him for two years at any of the colleges affiliated to the Calcutta University, provided he prosecutes there with industry either general or any professional study, and conducts himself to the satisfaction of the college authorities.

In the event of a high school ceasing to exist at Rungpore, the junior scholarship will be given to the first boy who, having passed the University entrance examination from the Rungpore zillah school, fails to obtain any other scholarship, and it will be tenable by him for two years at any of the institutions affiliated to the Calcutta University; and the senior scholarship to the first boy, originally of the Rungpore zillah school, who, having passed the first examination in arts, fails to obtain any other scholarship, provided he joins any college affiliated to the Calcutta University, and prosecutes with industry either general or professional studies, and conducts himself to the satisfaction of the college authorities.

The scholarships will be adjudicated each year by the District Education Committee of

Rungpore.

If in any year any boy fails to obtain any of the scholarships, the savings will be appropriated for the enhancement of the value of the scholarship, or spent in encouraging higher education in Rungpore, by any means the District Committee consider desirable.

In conclusion, I beg to request the favor of your applying to Her Most Gracious Majesty Victoria the Empress of India for the permission to call these exhibitions the Senior and Junior Victoria Scholarships.

LIBERALITY OF MOULVI GOLAM ALLY CHOWDHRY.

GENERAL DEPARTMENT.—EDUCATION.—No. 1110. Calcutta, the 18th April 1877.

From—H. J. REYNOLDS. Esq., Officiating Secretary to the Government of Bengal, To—The Commissioner of the Dacca Division.

I am directed to acknowledge the receipt of your letter No. 5, of the 12th April 1877, reporting that Moulvi Golam Ally Chowdhry, a zemindar in the district of Furreedpore, has liberally contributed Rs. 10,000 for the extension of the Dacca College premises.

2. In reply I am to request you to convey to the donor the thanks of the Lieutenant-Governor for his munificent donation, and to say that the papers on the subject will be published in the next issue of the Gazette.

3. I am also to request you to submit a druft declaration, with estimate for taking up the land which it is proposed to acquire.

No. 5, dated Dacca, the 12th April 1877.

From—F. B. Peacock, Esq., Officiating Commissioner of the Dacca Division, To—The Secretary to the Government of Bengal, General Department.

WITH reference to your letter No. 2212, of the 8th August last, to the address of the Director of Public Instruction, on the subject of endeavouring to raise private subscriptions for the required extension of the Dacca College premises, I have the honor to report that at the instance of the Principal of the College, an appeal was made through the Magistrates of the division to the liberality of the principal residents in their districts, requesting their co-operation in the matter.

- 2. Moulvi Golam Ally Chowdhry, a wealthy landholder of Haturia, in the district of Furreedpore, has very liberally contributed Rs. 10,000, being half of the whole amount of Rs. 20,000 (Government having agreed to give the equivalent of any sum raised privately) at present needed for the immediate requirement of purchasing the building now known as the Pogose school-house for the purpose. The amount has been paid and deposited by me in the bank here.
- 3. I have conveyed to the Moulvi my appreciation of the great liberality he has displayed, and beg to request that I may be also permitted to convey to him the Lieutenant-Governor's acknowledgments for the same, and that this correspondence may be published in the official Gazetto of Calcutta (English and Bengali) for general information.

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C In the interior the prices range as follow: —Wheat 18 to 26 seers, best rice 18 to 30-4 seers, common rice 23 to 29 seers, and gram 25 to 36-4 seers.

D In the interior the prices range as follow: —Wheat 15-8 to 24 seers, barley 16 to 30 seers, best rice 10 to 10-8 seers, common rice 17 to 26 seers, and gram 16 to 26 seers.

B In the interior the prices range as follow: —Wheat 11-8 seers, barley 26-8 to 29 seers, best rice 7-6 to 9-4 seers, common rice 18-4 to 20 seers, and gram 16-12 to 17-12 seers.

F In the interior the prices range as follow: —Wheat 8 to 16 seers, best rice 14 to 18 seers, common rice 19 to 25 seers, and gram 16 to 20-8

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In the materier the prices wings as follow: —Wheat 18 to 20 seems, best roce 14 to 16 seems, common roce 18 seems, and grain 20 to 26-8 seems.

In the flamings are sub-division the prices are as follow: —Wheat 25-2 seems, best roce 11 seems, common roce 25 seems, and grain 26-8 seems.

In the interior the prices range as follow: —Wheat 6 seems, best roce 10 to 18 seems, common roce 18 to 26 seems, makes 16 to 40, and grain 10 to 18 seems.

In the interior the prices range as follow: —Best rice 2 to 18 seems, common roce 16 to 20 seems, and grain 10 to 16 seems.

In the interior the prices range as follow: —Best rice 16 to 20 seems, and grain 10 to 16 seems.

In the interior the prices range as follow: —Best rice 16 to 20 seems, and grain 10 to 16 seems.

In the interior the prices range as follow: —Best rice 16 to 20 seems, consumen rice 27 to 25 seems, and grain 16 to 25 seems.

In the interior the prices range as follow: —Best rice 16 to 20 seems, consumen rice 27 to 25 seems, and grain 18 to 25 seems, and grain 12 to 25 seems, and grain 18 to 27 seems, paddy 28 to 28 seems, and grain 12 to 25 seems.

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R In the interior the prices range as follow:—Best rice 10 to 12 seers and common rice 12 to 13 seers.

In the interior the prices range as follow:—Best rice 10 to 16 seers and common rice 12 to 20 seers.

In the interior the prices range as follow:—Wheat 22-8 to 27 seers, barley 35 to 37-8 seers, best rice 12-8 seers, common rice 21-6 to 25-6, seers, and gram 25-8 to 25 seers.

In the interior the prices range as follow:—Wheat 12 to 22 seers, barley 26 to 32 seers, best rice 13 to 18 seers, common rice 20 to 21-8 seers,

L and gram 25 seers.

1 the interior the prices range as follow:—Wheat 16 to 22 seers, barley 40 seers, best rice 14 to 23 seers, common rice 19-8 to 36 seers, leaser

F millets 30 to 35 seers, mains 27-8 to 30 seers, and gram 18 to 25 seers.

Districts of Bengal for the Fortnight ending 15th April 1877.—(Continued.)

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- X In the interior the prices range as follow:—Wheat 14 to 25 seers, barley 20 to 40 seers, best rice 13 to 17-8 seers, common rice 18-19 to 21 seers, lesser millets 30 to 45 seers, mains 28 to 40 seers, and gram 19 to 30 seers, best rice 20 to 24 seers, common rice 23 to 26 seers, and gram 16 to 27-8 seers.

 Y In the interior the prices range as follow:—Wheat 26 to 25 seers, best rice 23 to 26 seers, common rice 27 to 30 seers, and gram 23 to 24 seers.

 ZI In the Khoordah the prices are as follow:—Best rice 17-1 seers, common rice 21 seers, and gram 18-6 seers.

 ZE In the interior the prices range as follow:—Wheat 21 to 30 seers, barley 30 to 35 seers, bust rice 13 seers, common rice 22 to 25 seers, lesser millets 35 to 40 seers, mains 25 to 35 seers, and gram 23 to 30 seers.

 ZE In the interior the prices range as follow:—Wheat 20 seers, best rice 24 to 27 seers, common rice 26 to 29 seers, and gram 30 seers.

 ZE In the interior the prices range as follow:—Wheat 20 seers, best rice 24 to 27 seers, common rice 26 to 29 seers, and gram 30 seers.

Rainfall, Weather, and State and Prospects of the Crops.

nent showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 21st April 1877.

•			-	-		
	District,	and ura.		oľ	Rainfall at Sudde Station is inches.	Character of the weather, state and prospects of the crops, and
•						
4	M.	•			-	
	. Western I	Dist	riote.	•		
ı	Bardwan,	٨	pl. 23	•*77	Nil	The rainfall at Jehauahad has been 33 of au inch, and at Rancegunge 08 of au inch. The state of the crops is satisfactory. Slight cholera exists in Rancegunge.
Ì	Bankoora,	•	, 21	۰,	Mil	Weather—Hot, but cloudy. State and prospects of the crops are as favorable as before,
)	Bearbhoom,	,	. 21	,,	Nu	The weather has at last become very hot, but not more so than is accommoble. State and prospects of the crops continue good.
6	Midsapore,	•	, 21	هو ا	Nn	Weather—Very hot and seasonable. There have been storms in the interior of the district, though none occurred at the Sudder Station. The constion of the rain is favorable. Agricultural operations are actively progressing, and the lands are being prepared for the approaching sowings.
5	Houghly,	•	. 21	. ,,	Mil	WeatherVery warm. Ploughing of rice lands is still going on. Sugarcane is almost all planted. Vegetables are doing well. Cholera is bad in Boinchee; it exists in a sporadic form all over the district.
	Howrah,	•	21	*	Mu	Weather—Seasonable hot. No crops on the ground.
	Central .	Dist	rieto	•		
3	34-Pergunnah	L A	pl. 28	.†'77	Nil	Weather—Very warm. No crops on the ground. Public health is generally good.
,	Nudden,	,,	21	'77	-63	Weather—Very hot. The early rice sowings are going on, and some of the earliest sowings are germinating. The spring sowings of indigo are also germinating. The prospects of sugarcans are excellent. Cholera has broken out in several parts of the district.
ß	Jemore,	•,	21	'n	-04	Weather—Dry, clear, and hot. The dry weather, if it lasts, will permit of sowing in some of the low lands that were filled with water by the previous beavy rain. The prospects of indigo are good.
)	Moorahedabad,	**	21	30	Nil	Weather—Hot. There is hardly any change to report this week. The recent rainfall has greatly improved the growth of mulberry, iddigo, sugarcane, and til (assamum). The ryots have taken advantage of the rain that fell during the previous week to sow extensively. The rice already sown is shewing above the ground, and looks most promising. The condition of bore rice is good. In theses Gokurn and Kuliangunge it is nearly ripe. Cholera still prevails more or less throughout the district.
ı	Dinagepore,	••	20	*	Mil	Weather—The days are heaf but the nights are still cool. The sowings of early rice have commenced. Rice is billing at 24 to 32 seers per rupes.
	Rajshahye,	,.	21	-		Weather—Very hot. The rice beings are progressing rapidly. The growing cuops are thriving, but a good shower of rain is needed. A few cases of cholera have been reported daily, shough the outbreak has not been by any means a severe one.
3	Rungpore,		20		Nu .	The weather has become much warmer. '18 of rain at Gaibanda and 9 at Kuri- gram. The state and prospects of the crops are intinfactory, except that the recent rain has somewhat interfered with weeding. Cholera is said to be had in Chilmari.
•	Bogra,	117	. 31	go.	Nu	Weather—Very hot. Sugarcane is being planted, and the sowings of jute and cour rice are coming to an end. Cholera and small-pox are somewhat prevalent in the district.
٠	Pulona _o	,,,	31 .	3 1	· Kii	Weather—Sissonable. State and prospects of the crops are satisfactory. There is cholera in and near Shuzadpore.

[•] Telegram of the \$3rd April shows minful during the seven days immediately preceding.

[†] Report of the Mrd April shows minfall during the seren days immediately prosping.

No. BENGA		District, a ret	nd da urn.	te o	?	Rainfall at Sudder Station in inches	
E	IGA	L.—(Continued	L)				
		Central Distr	icls.			1	
	15	Darjeeling,	Api .	21	777	-24	The long-continued rain has ceased, and there have been several warm sunny da There have also been high winds and indications of a sterm. All the you crops are doing well. The consution of the rain will allow the sowings to carried on in the plains.
	16	Julpigores,	"	21	1)	Nil	Weather-Seasonable, but inclining to cool. Nothing particular to report. I weather is highly favorable for the sowings of the early rice.
		Cooch Bohar,	•	19	••	1-12	Weather—Karly part of the week was very rainy. The rainfall at Mathabhar has been 2:14 inches, at Dinhatta 2:28 inches, and at Mckligunge 4:72 inches has been the 14th instant the rain has quite cleared off, and the weather is nevery hot. The rainfall has been too much for the early bitri sowings. It is tended to drown seeds and to promote the growth of weeds in the field Tobacco left standing has also suffered much. Cheese and known are looking well everywhere. Public health is good.
J		Eastern Dist	riots.				
ſ	17	Dacca,	Apl	. 23	'7 7	1.12	Weather—Fine; warm and sunny since 17th instant. The crops are ve favorable. Cholera is had in them Nowabgunge.
	18	Furreedpore,	99	21	•	·20	The rainfall at Madaripore has been '59 of an inch. The rain seems to be ceased for the present, and the weather has become much hotter. The cultition of lands interrupted by the rain has been resumed. No recent reports cholers.
	19	Backergungo,	••	19	••	-57	The weather has been more settled than in the provious week, but its unsease able character still continues. From the interior of the district heavy reis reported, but it has caused injury to the crops in three thanas only. The crein five thanas are reported fair, and good in the rest of the district. Ploughi for the good crop is far advanced. This crop has been sown in some place but has been injured by the wet weather. All over the district there is, a has been ever since the cyclone and inundation, a great deal of sickness, I fortunately cholera in an epidemic form has not respected. Fever a sporadic cholera continue to be present throughout. Everywhere the entare, and have been continuously for the last four months, remarkably healt which is a rare occurrence.
١	20	Mymonsingb.	••	20	10	·11	Weather—Seasonable. State and prospects of the crops are favorable.
Į	21	Tipperah,	••	20	••	1-53	Weather—Cloudy and sultry, with occasional storms and more rain than usu 2 is inches of rain at Brahmunbaria. Unless there be a spell of clear b weather, the ploughing and sowing of the autumn rice will not progrefavorably.
	23	Chittagoug,	,	19	••	Nil	Weather—Clear and hot. The cold-weather crops are being reaped. Posics at is thriving well. Preparations are being made for sowing chissal and boil areas in some parts of the district. Cholera is reported from some thans, a small-pox from Sudder Station.
$\left\{ \right.$	23	Noukholly,		19		·07	Weather—Much warmer. Slight showers of rain fell on the 15th and 16th instar The low lands are not yet in for the cultivation of early rice, as the water them has not drained off. The parang and shailing crops are progressi favorably.
	24	Chiwagong II Tracts.	in ••	17	,,	Na	Weather-Very hot throughout the week. Cloudy on the 16th instant. The hill people have begun to burn their jooms.
l		Ilill Tipperah,		18	,,	· 6 6	Weather-Getting much warmer. State and prospects of the crops are good.
. 25	AR.						•
			Apl.	23*	'77	Xii	Weather—Rather cool for the time of the year. The harvesting of the rable crops is completed with a g-ood outturn. Stray cases of choices and small-preported throughout the district.
	26	Gya,	39	31	••	. 14	Weather—Seasonable. No crops on the ground except in Aurungabad, where except have the not been quite finished. A full outturn of all crops exception is reported from Nowada.
{ !	27	Shahabad,	••	21	"	Slight showers.	Weather—Cloudy and hot, with Westerly wind. The rubber harvest is bee threshed. The mange crop is reported not to promise well. Cholera prevalent in tassecram, and a special native doctor has been appointed in the sub-division.
	28	Durbhunga,	ŋ	21	"	Nil	Weather—Seasonable; strong west wind. The rubbre crops are nearly a harvested.
ί	29	Mozufferpore,	*7	21	,,	Mil	Weather—Warm. The harvesting of the rabber crops is over. These crops Surannd were slightly damaged by hallstones. There have been some cases small-pox in Behund.

3	No. District, and date of at Sureturn. Stati				!	Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
 Bei	IAR.	—(Continued.)			•		
PATHA DIVE.	80	Sarun, A	ApL	21	'7 7	Nil	Weather—Bright and hot; strong west wind in the afternoons. Indigo is coming on well. Cheese is still being sown. Sugarcane is bring planted. Sowings of the early rice have begun. The mango crop will be a short one. General health is good.
PA (31	Chumparun,	99	21	**	Nil	Weather-Clear and hot in the daytime. The prospects of the crops still continue good. The outturn of the rabbee crops promises to be above the average.
ſ	32	Monghyr,	,,	21	,,	Nil	Weather-Warm and fair. The outturn of the rubber crops is good.
Dryx.	33	Bhagulpore,	**	23*	91	Nil	Wenther—Seasonable. The rubbee harvest is complete, with very fair outturn. Prospects of the mange crop are very poor. There is still a good deal of cholera in the town.
I SON	84	Purneah,	**	21	91	Nil	WeatherHot: west wind. The sowings of the bhadoi crop, or early rice, are going on very satisfactorily. Indigo promises well.
BRAGULPORE DIVE.	35	Maldab,	19	21	91	Nil	Weather—Fair; somewhat hot. The crops are as good as before. Cholera is still increasing: 144 deaths have been reported all over the district during the week.
l	36	Southal Pergh	s, "	22	**	Nil	Weather—More hot and dry than at any previous time this year. No crops on the ground. Among children measles followed by dysentery is rather bad in Mohespore.
OR	[83A	•				1	·
(87	Cuttack,	Λpl	L 21	77	Nil Nil	Weather-Hot and dry. State and prospects of the crops are good.
ORIGIA DIVE	38	Poorse,	,	19	,	Nil	Wenther—Fair and seasonable. '69 of rain at Khoordah. The early delus crop is being harvested, and the state of the other crops is good. The mange crop has proved almost a total failure. Shipm-ut still goes on. Rice is a little cheaper. Cholera has diminished.
ŌΙ	39	Balasore,	93	20	30	-67	Weather—Still very abnormal. Thunder-storms are of daily occurrence. Preparations for sowing continue. Sporadic cholera still causes mortality, but is not increasing
CH	ATO	NAGPORE.					
		South-West		ier			
	40	Hazarecbagh,	Apl.	. 2 0	277	7 Nii	Weather—Seasonable; becoming very hot. No change to report. Ploughing still continues. Public health is good.
	41	Lohardugga,	***	21	,	-25	The weather is gradually becoming more and more seasonable. 62 of rain at Palamow. There is nothing more to be said about the crops than was reported last week. The prospects of tea have never been so good as this year. The rabber crops in the Palamow sub-division, and the moker crop all over the district, have been considerably damaged by the late heavy rains. No reports of either small-pox or cholera have been received this week.
	42	Singbhoom.	•	20	"	-46	Weather—Seasonable. Mokwa has suffered much from the recent wat weather. No other crops to report about.
	43	Manbhoom.	p	21	**	Nil	Weather—More seasonable, but still too cool for this time of the year. Hot winds have not yet commenced. Boro disa, of which a small quantity is sown in the district, and cotton, are reported good. Sugarcane is for the most part planted.

[•] Telegram of the 23rd April shows rainfall during the seven days immediately preceding.

Published for general information.

CALCUTTA, STATISFICAL DEPT., The 24th April 1877. H. J. S. Cotton,

Jr. Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the	Meteorological Reporter's Office.
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PBRJ	Districts.		icts. Stations.		Rain from 1st to 7th April 1877.	Rain from 8th to 14th April 1877.	JA:	PROM 187 #UARY 1877. Up to date.	Remares.	
			i 			54	12		Op so date.	<u> </u>
r ān	Disti	licts.				Inahes,	Tuches.		1877.	
		{	Burdwan Cutwa Culna Bood-Bood Kaneegunge Jehanabad			0.88 3.85 1.54 Nil 0.33 1.05	1·13 1·10 1·39 1·03 0·16 0·63	5·74 9·06 7·05 3·94 3·96 7·25	14th April ditto ditto ditto ditto ditto	
OFA		•••	Bankoora	•••		0.42	0.86	4.76	ditto	
hoom	•••	{	Scoree Hetampore Royporo		 	0.69 1.38 0.89	0·09 0·16 0·20	6-20 7-67 4-09	ditto ditto ditto	
		ſ	Midnapore			1.02	Not rec.	8.03	7th April	
pore	•••		Contai {	 Collr.'s C		1·26 0·66 0·65	ditto ditto ditto	7·16 7·00 6·94	ditto ditto ditto	
aly		{	LExe.	Engr.'s	Office	1 02	1.85 1.02	9·77 6·63	14th April ditto	
.h		{	Serampore Howrah Maheshrekha	•••	 	1·07 2·78 0·77	1 09 Not rec. 0°24	8-24 9-05 7-47	ditto 7th April 14th April	
BAL	Distr	ICTS.			Ì					
rgunn	abs	{	Saugor Island Calcutta Alipore { Jail Busseerhat Barasee* Diann ad Harbo Barripore Satkhira Barrackpore Dona-Dum	our		0°90 2°18 1°75 1°89 0°40 1°18 0°69 0°59 3°12 0°03 1°31	1.00 0.83 1.11 0.96 Not rec. 1.08 3.96 0.34 0.93 0.93	9·10 9·01 9·07 9·46 6·98 7·84 11·30 8·08 12·61 7·76	ditta ditto ditto ditto 7th April 14th April ditto ditto ditto ditto ditto	
•		:-{	Kishuaghur Pongong Meherpore Choundanga Konshus Ranaghat Jemore			3·72 1·99 3·76 4·16 2·67 1·16 3·14	3.01 1.50 0.80 0.25 0.77 1.42 0.81	11:09 7:78 9:93 11:63 7:70 0:39 9:29	ditto ditto ditto ditto ditto ditto	
·			Narrail Khoolna Jhenida Bagirhat Magoorah	•••		2·58 4·37 4·09 4·47 4·45	0'96 1'07 N d 4'65 1'10	8·11 12·17 12·44 15·92 11·44	ditto ditto ditto ditto ditto	
hedabi	ad	-	Berhampore Ramporehaut Lallbagh Jungypore Asimgunge Lallgolla Kandee		**** *** *** ***	2·62 2·30 2·57 1·90 3·35 1·88 2·33	0°40 Nil 0°32 0°62 Not rre, 0°55 0°21	8:06 6:85 8:68 7:34 7:76 7:61 6:68	ditto ditto ditto ditto 71h April 14th April ditto	
pore		§	Dinagepore	•••		0.80 1.84	0-35 0-09	3-02 5-08	ditto ditto	
h	•••	{	liaigunge Maldah Chanchal	•••	==	0:42 0:26	0.30 1.43	3:38 4:98	ditto .	
hye		{	Bauleah Nattore	•••		4·71 2·16	0.84 Nil	9-68 6-28	ditto ditto	
970	•••	{	Rungpore Bhowanigunge Kurigram Bagdogra	•••	•••	1.88 1.11 3.03	1:41 0:80 1:09 0:05	0·46 4·13 7·16 4·39	ditto ditto ditto ditto	
		{	Rogra Sherpore Nowkhilla Panchbibi Halulya			1-27 0-45 0-10 N il 0-60	0.90 1.66 0.80 0.82 Not rec.	4·54 5·47 2·52 1·68 2·89	ditto ditto ditto ditto 7th April	
	•••	{	Pubna Serajgunge	***	=	1·40 1·32	0·50 1·00	6-63 6-63	14th April ditto	
ling			Darjeeling { Te	legraph zpital	Office	3-80 3-88	Not rec. 1.91	9·13 11·56	7th April 14th April	
		{	Julpigoreo Bodah Buxa—Civil Su Titalya	rgeon's		1·27 0·85 2·25 1·72	2-86 0 59 2 31 0-42	6-29 6-29	ditto ditto ditto ditto	
ores		tary	Cooch Behar	•••		2-00	3-81	9.76	ditto	
ling	•		}	Darjealing { Te Hodah Bura—Civil Su Titalya	Pubna Serajgunge Darjeeling { Telegraph Hospital Julpigoree Bodah Buxa—Civil Surgeon's Titalya	Pubna Serajgunge Darjeeling { Telegraph Office Hospital	Halulya	Halulya	Halulya	Halulya

Divisions.	Distrators.	Stations.	from 1st 7th April	from 8th to April 1877.	JAT	FROM 182 IVARY 877.	Remarks.
PIA			Rain f to 7t 1877.	Rain (14th	Inches.	Up to date.	
B	ENGAL—(Continued).		Inches.	Inches.		1877.	• • • • • • • • • • • • • • • • • • • •
1	Dacca	Dacca Telegraph Office Hospital	2.24 2.24	1.01	10 98 22.58	14th April ditto	:
ند	Furresdpore	Manickgunge	3-37 2-30 3-36	1.67 1.01 0.83 1.73	7·18 11·43 8·56 12·04	ditto ditto ditto ditto	
DACOA.	Backergunge	Burrisal Perozepore Patooakhally Bhola	7 45 3:41 2:20 1:98	3:04 1:27 3:00 1:26	18:96 10:87 13:05 5:03	ditto ditto ditto ditto	From 4th February 1877.
Į	Mymenningh	Mymensingh	2·21 0·71 0·75 3·64	0·19 0·26 2·30 0·13	6:47 4:08 7:07 9:06	ditto ditto ditto ditto	
{	Chittagong	Chittagong Telegraph Office Jail	1·10 0·94 1·74	0°10 0°14 0°30	7-50 7-50 4-99	ditto ditto ditto	
ĝ.	Noakholly	Noskholly Fenny	1.41 1.95	0.03 8.35	10:30 9:64	ditto ditto	
CEITTAGONG.	Tipperah	Comillah Brahmunhariah	2·17 0·57	1·27 0 93	12:03 14:11	ditto ditto	
	Chittagong Hill Tract		1.12	Nil	12.87	ditto	! !
BKI	Hill Tipperah JAR.	Hill Tipperah	0.26	0.93	14-20	ditto	<u> </u>
ſ	Patna	Patna	0-18 0-40 Nil Not rec. 0-09	Nil ditto Oʻlō Not rec. Nil	3·11 4·03 3·22 2·08 2·67	ditto ditto ditto 31st March 14th March	! !
	Gya	Gya	0:31 0:63 0:45	ditto dicto ditro	4:04 3:89 1:3-)	ditto ditto ditto	Not rec. 18th to 24th F-bruary. Not rec. 18th Jun. and 4th to 10th February.
4	Shahabad	Arrah Baseram Buxar Bhubooah	0°84 0°40 0°48 0°45	ditto ditto ditto 0°07 Nil	5·20 6·43 4·14 6·09 5·34	ditto ditto ditto ditto ditto	
PATES.	Mozufferpore	Mosufferpore Hajeepore Sociamurhes	0°28 () 22 0°95	ditto ditto U18	8-20 3-60 4-82	ditto ditto ditto	Not rec. 4th to 10th March. Ditto ditto. Ditto ditto.
	Durbhunga	Durbhanga Mudhoobuance Tajpere	0°98 0°73 0°18	0:21 0:81 Nil	3·86 4·36 3·13	14th April ditto ditto	·
	Sarun	Chupra Sewan	0:37 0:19	Not rea. ditto	4·31 6·35	7th April ditto	
l	Chumparun	Motiharee	1.71 Not rec. 2.75	Nil ditto 0 50	6·32 4·26 7·31	14th April ditto ditto	Not rec. 11th to 17th March and lat to 7th April. Ditto ditto.
ſ	Monghyr	Monghyr		Not rec. ditto ditto	2:81 2:81 5:04	7th April dillo ditto	
PRABULPORE.	Bhagulpore		0°06 0°29 0°80 0°31 0°31	0:28 (r73 1:05 N:1 ditto	3°15 3°40 4°56 4°14 2°01	14th April ditto ditto ditto ditto	
PRA	Purnoalı	l'urneah Kiesengunge Arrareah	1·79 0·85 1·11	0:78 0:81 0:80	4·40 4·53 4·18	dillo d tto ditto	
		Nya Doomka	0 95 Nil	1·94 Nil	7:31 0:90	ditto ditto	
Ĺ	Southal Porgunnaha		0.24	1.80	6.37		Not. rec. 26th to 31st March.
	.	Godda	0-86	0.30	2-119	ditto	

ë.	Districts.	STATIONS.	om 1st April	from 6th	JA	PROM 1st RUARY 1877.	B
8	INKIBICIS.	STATIONS.	돈	£3.			Remares.
DIVISIONE		!	Rain from to 7th 1877.	Rain fi to 144 1877.	Inches.	Up to date.	
RIS	RSA.		Inches.	Inches.		1877.	
	•	Cattank Telegraph Office	1.10	1-20	6:10	14th April	
	i	Cuttack Hospital	1.13	1.47	5.58	ditto	
_		Jujpore	3.00	0.70	12:45	ditto	
1:	Cuttack 4	Kendraparah	0.70	3.9()	10:40	i ditto	
1:	1	Jagutsingpore	1.32	0.40	3.65	ditto	
	į	False Point	8.05	20.02	3070	ditto	•
1		Porree	161	0.27	6.70	ditto	
<u>i</u>	Paoree {	Khurdah	1.80	เหย	6.52	ditto	:
	•			ایما	P-01-1	مند أ	!
5	ſ	Balasore Exc. Engr.'s Office	0.85	0.08	80°6 08°6	ditto ditto	•
1	i	Bhadrack	2.43	i 0°03 : . 1°84 i	12:83	· aitto	Not rec. 4th to 10th March.
ı i	Bulasore \	Jeilasore	1.91	1.64	9.71	ditto	OI SOM> TACK WINICK
1	ļ	Sorah	0.74	2.40	H-74	· ditto	
1	l	Chandbally	3:20		10.48	ditto	•
Į,	Cuttack Tributary Mehab	Sumbulpore	0 31.	0.18	0:39	ditto	! !
:	CHOTA NAGPORE.		; ;	! !			:
:	South-Western	1		, !	[:	
÷	FRONTIER AGENCY.	:				;	
:	(Hazurechugh S.Jail	r51	0:39	6.32	ditto	
	Hazarechagh	Dishainari.	. 050	(1.78	9-11	ditto	
i	. (Pachumba	0.16	1 045	0.08	· ditto	
i	I bundanna '	: Ranchee	0.61	0.15	9:49	duto	
	Lohardagga;	Palamow	(12.0	0.4.5	6.87	ditto	•
'	Sandaha	<u> </u>	-			į	:
,	Singbhoom	Chyelmasa	. 1.19	0.00	11:31	ditto	
	. ,,	Purulish	. 0:49	1.08	. 68	ditto	: ·
	Manbhoom §	Gôvindpore	0.63	0.05		ditto	Not see, 25th to 31st March.
	ASSAM & ADJACENT		ı	:		i	
	miles.			i '			
:	Carlle of	1	:			! .	
:	Sylbet	٠ ١٠٠٠	0.83	. 0.65	h-AI	ditto	:
		Seelan gor	2:03	Not rec.	9:48	7th April	•
:		Cologina	200	ditto		, ditto	
	i	Jorchaut	i kasal	ditto	1974	ditto	
		1 haquanc	0.49	disto	. 9702	dirt.	:
	Беебикцијот		1.31	ditto	F1103	duto	!
	ſ	Mazengah	1.14	ditto	N 17	ditto	!
1		Nazorah	0.50	ditto	8.76	ditto	
	!	Suntork Cheridea	1:17	ditto	9°14 11°19	ditto	}
	,	1	i		j -		
	_	Akynte	Nil	N.I	เหย	11th April	•
		: Alwar	: ditte	dittiga	Nil	ditte	•
	RAJPOUTANA	Jaipur	ditto	i ditto	0.29	difto	- !
,						. 4011 417	

CALCUTTA, The 21st April 1877.

A. Penles,
Offg. Meteorological Reporter to the Goot, of Rengal.

Meteorological Telegraphic Report for the period 15th to 21st April 1877.

ź			Barometer	Barometer	Нуаво	METER.	<u>\$</u> 9	Wind				gp
STATIONS.	Date.	Hour.	reduced to 32'.	reduced to sen- level.	Dry.	Wet.	Humidiry Sat,==100.	Direction.	Velocity.	Rain.	Clouds.	Weather initials.
_ [April 16th	10 16	29-889 29-800 29-011	29·907 29·318 29·929	86°0 93°4 87°0	79:3 81:3 79:0	70 67 69	SSW SSW SW			C R CR	<u>' </u>
	16th 17th	10 16 10	29:783 29:783 20:916	29.801 29.934	94·0 88·0	81·0 80·8	33 (4)	s w s w		******	CN C	
CALCUTTA.	18th	16	29·507	20.810 20.810	89.8	89·5 77·7	54 56	8 W 8 W	******	•••••	K	
3	19th	16	29.774 29.805	20.793 24.633	88.3 85.6	80°9	57 59	S by W			CK ^	6
1	20th	10	20.400	50.1409 50.911	90·6 89·8	74.6	31 46 36	W N W		*** ***		•
	glet	16 10 16	20.753 20.845 20.672	20·771 29 863 29·690	97 d +7 6 96 6	76 5 79-7 79-7	69 43	W by N P W B B W	******	******	CS K	6
•	April 15th	10	50-0-11	20.020	85	81	83	s w	14.6	*** ***	FK	b. m
1	16th	16	20-82 4 20-82 6	50.530 50.837	85 86	82 82	87 84	8 8 W	10.8	*** ***	PK C	6, m
e l	17th	16 10	20:024 20:024	50-030 56-8:0	1 83 1 60	H2 H2	76 80	SSW SW	12°0 9°5	*** ***	K8	b, ==
INTARD.	1	16	20.913 29.915	29:514 29:514	8H 87	83 83	76 80	8 W	13.3	*** ***	K C	6
	18tb	10	20.803	20.809	87	82	80	8	13·7 10·9	*****	K8 C	b, m
SAUGOR	1014	10 16	29.Phg	50-511	87 84	82 82	80 78	WRW	0.6	*** ***	C	b. m
3	90tb	10	2:1:897	29.0-3	88	83 81	73 89	WSW SSW	12·9	*** ***	PK PK	6, m
ı	21st	16	20.450 20.450	29:865	74	78	76	N K K	14.7	•••	i c	} b,
Ĺ		16	29.711	20 717 29:951	87 86	83 80	70	8 S W	14·9 2·3		KC KC	b, m
ı	April lath	10	50.8(V)	701-000)	88	78	62	X W	4.8	*** ***	K	
	16th	10 16	201412 201741	50-473	89 83	79 79	78 63	SSE NW	2·1			i, .
CHITTAGONG	17th	10	20.874	20:006	87 89	79 80	69 69	· s W	6.0	•••••	K CK	b, 10
ğ	: 18tb	16	29:751 2a:955	29·512 30 017	80	70	63	ĸ	4.7	••••	K	b, m
Ē٦	19th	16	29.474	58-830 58-830	89 H8	81 79	66 66	W 8 W	80 2.6		sk	b, m
2		16	20:756	29:417	90 1 88	81 80	66 (4)	s W	8-6		к	1,0
- 1	90th	10	29-856 29-727	20017 997618	90	76	å()	8 × W	8:0	•••••		6, 0
Į	21st	10 16	20 H20 20 H20	20:91H 20:763	87 88	80 80	72 09	8 W 8	14.3	·•···	К	b, =
ſ	April 14th	10	1 80·92 20-559	30°006 29 881	88	76 76	50 50	SE by S SK	9	*** **		6, 0
Í	 15th	16	50-001	30013	88	75	62	S E by S	7 15	*** ***		c
- 1	16tb	16 10	9:)·873 99:1:67	3: 1: 1: 1 3: 1: 1: 1	8.1 8.1	77 76	59 53	ESE SEby S	10			6, 6
اي	1	16	29:581 29:581	20.0.3	86 89	75 74	58 47	SE by R Sby R	14	•••••		6
	17th	10	29 875	30°0 /3 2 1°±97	87	75	65	ESE	15	•••••		b, c b, c
	18th	10	29.979 29.855	30:000 29 87 7	87 87	73 77	5.5 62	SE by S SE by E	12 14	******	*** ***	b, c
	19th	10	58.844	397011	80 88	7 d 76	66 53	88 🖫	8 11	· ••	*** ***	} ;
İ] 20th	16	50.5r.f 50.4421	201956 201956	91	75	45	SE by E	9	******		b hc
į		16	29.630	79.92g	89 89	77	62	SE by E	16 8-6		G	•
ſ	April 15th	10	99-252 99-730	29·033 23·41·	97	77 76	56 35	Waw	4.4	•••••	I'K, C	e e
	168h	10	29 569 29:727	, 29·9·07	90	74 75	45 34	WNW	3.8		C K, PK	6
.	17th	10	29:5-17	29 927	101	76 74	4·) 21	W SSE	8.1 5.0		CK	6
CCTTACE.	. 18th	16	20.767	2·r780 20·028	92	78	51	8	3.0	** **	C	e
E	10th	16	25) /U7 20 857	29:767 29:934	97	77	38 4-)	8 W	3.8		C K, PK	e
5	į	i 10	29 712	29.701	101	75	26	WNW	3.5 3.5		CK, CK	0
Į	20t.\·	10	50.834	20:914	100	77	49 39	88 F	3.3		KC	6
	. 21s t	10	29·781 29·650	29.465 29.432	93 87	70 74	54 59	8 8 W	5·1 7·7	*****	CK, PK, C	t
!	Amil 15th	10	20:046 20:346	50.602 50.602	80 86	79 79	63 76	w	3·8 10·3		C	
	16:h	10	97 976 9344 g	20:007 20:877	87 86	79 80	69 70	WNW	4·6 1·2	••••	C	1
	17th	16	20-923	50 071	90	80	63	W	6.0			6
4	18th	16 10	5n-813	20°9431	87 90	81 83	76 70	WNW	14·3 6·1	·•· ·•·	C	6
AKKAB.		16	38.403	20.474	57 92	80 70	73 54	WNW	13·2 6·5	·••·••	C	
~ <u> </u>	19th	10	50.950 50.059	58.831 58 870	89	81	69	i w	100		č	ļ
	20th	10	29·048 29·833	571.H21 571.NIO	88	80 78	(42	Ws W W	4·9 6·8	*** ***	c	į
	21st	10	30.014	20 9 37	80	79	63 62	W	2·3		C	1
	u	16	29.778	20.784	87	, "	1	ł	1	*** ***	1~	J

A. Pedler,
Offg. Meloorological Reporter to the
Government of Bengal.

CALCUITA, The 21st April 1877.

Results of the Meteorological Observations taken at Alipore Observatory from 15th to 21st April 1877.

	sure; barometer		T	EMPERA	TURE.			 Li va no:	wrtry.	· · · - · ·	Wind.	 ,	.: .	
Month.	Date.	Mean presure; ban at 32° Fali.	Mean.	Maximum.	Range.	Nivimam.	Mean wet bulb.	Vapour tenaion.	Dew point.	Humidi: y.	Prevailing direction.	Miles recorded.	Rain.	Weather.•
		Inches.	0	ဂ	0	0	O	Inch.	0		ĺ		Inch.	
)877. April	15th	90-849	83-1	95 1	198	75.3	790	0.803	75-8	79 -0	Till 4 P.M. 8.S.W., till and- uight 8.	160	Ni).	Sky partially cloudy; clouds chiefly K and Ca,
	toth	*N57	84-3	91.7	16-2	78.6	77-6	-85●	74.0	73∙0	Till 9 A.M. S.E.W., till 5 W., till mid- night S. through S.W.	133	Nil.	Sky partially cloudy; clouds Pk, Ck., and C.
•	17th	843	85'4	96.7	19.7	77.0	76:4	-782	72·1	64 ·0		126	Nil	Morning clear; after- noon partially cloudy; clouds chiefly C.
,	18th	-833	86.1	97:1	19-9	77-2	70-8	-810	72:9	09°U	Till 6 p.m. 8.8.W., till mid- night 8, round W., N. and E.	153	Nil.	Morning clear; after- noon partially cloudy; clouds Cs. chiefly.
;	10th	838	K7:2	₽ 7 ·6	18'8	79'8	74-6	·686	U8-0	54 ·0	Till noon S.S.W., till 7 P.M. WS.W., till midnightS.S.W	135	Nil.	Morning clear; after- noon partially cloudy; clouds C, Pk., and Ck.; night chiefly clear.
	90th	-808	86-4	98.6	21·1	77.5	73.8		67.1	64·v	Till 9 A.M. N.S.W., till 4 P.M. veered to N.W. through W., till mid- night S. back again.	160	Nil.	Clear both day and night.
٠	21×t	-786	81.7	97·7	19.7	78'0	: 77 H	*861	74-7	740	Till 7 a.m. 8. by 8.W., till 2 p.m. veered 4a 8. round W., N. and E. sky 8.W. till mid- night.	120	Nil.	Partially cloudy in the morning; night clear.

K. Cumulus, Cs. cirrostratus, Pk. Pallio cumulus, Ck. cirrocamulas, C. cirrus.

The mean temperature of the seven days		85.20
The average temperature of the corresponding period for 20 years		84.7
The extreme variation of temperature during the seven days	•••	23.3
The maximum temperature during the seven days	•••	98.6
The mean humidity during the seven days		67.
The total fall of rain from 15th to 21st April		Nil.

The mean pressure, temperature, &c., are deduced from observatious made at 6h., 10h., 16h. and 22h. The maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verifled at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V, of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the raingauge is one foot above the ground.

H. F. Blan ford, Meteorological Reporter to the Government of India. CALCUTTA, the 23rd April 1877.

Report of Fluctuations of Traffic on the East Indian Railway for the Month of March 1877.

EAST INDIAN RAILWAY, THAYFIC MANAGER'S OFFICE, JUNALPORE, THE 14TH APRIS 1877. Bemarks on Traffic of East Indian Railway for four weeks ending 24th March 1877.

The approximate figures for the period are as follows :-

						- ;-:	Coarl		Gou	Total.		
								Mds.	Jin.	Mds.	Rs.	Rs
1577 1) :::	***	•••				•••	5,82,340 5,00, KM	5.27,08 t 7.72,438	83,30,147 40,14,139	22,64.294 16,78,175	30,06,792 24,46,90¢
nerense Decrense				•••		•••	•••	72,842	182,82	13,16,008	5,94,823	6,50,374

MERCHANDISE TRAFFIC

Shows an increase of 33 per cent, in weight and 36 per cent, in earnings, the main features of change having been ar per statement annexed.

MAIN LINE.

Statement showing the Increases and Decreases of Staples during four weeks ending 24th March 1877.

				STAP	LKS.						Incre	uaca.	Deero	ercu.
						-					Mds.	Rs.	Mds.	Ra
eer. Comn	isser	int		•••					•••	[12.787	9.101 i	[
er, not C											7140	90		
rue and l			•••	•••					•••		2,201	3,535	1	
ricks			•••	-		•••	•••	•••		j	6.787	2,439	en	
ogl. up		•••	***	•••				•••	***	i	1,51,455 j	41,818		
" down	••	***	***	***	•••	•••	•••		•••		1		1.01,928	21, 55
ւթթու	•••	•-•			•	•••				j	6,559	9,881		
n il ion				•••	•••		•	•••	•	j	45,707	07.5~4		
otion, Tw	ist		••	***	•••	•••	•••		***		NIS I	GTM		
yowa-d	•••	•••	•••	•••	•••	•••		•••	***	{	640 j	1,454	· · · · · · · · · · · · · · · · · · ·	
rewood	•••	***	•••	•••			•••	•	***		******	*****	08,428	583
rnite				•••		***	•••	***	***	•••	1,945	1,149		•••
lass nd (***	•••	•••	•••	•••		٠		2,015		631	51*
hee and C i. B.T. Pa	กเ		•••	•••	•••	•••		• • •	•••	***		*****		5,060
overnmei				26 4	•••		•		•••	··· į	414	3,340	1,973	6,2:4
ioverninei					•••	•••	•••	•••			6,272	12,780		****
ioverumei Lice	11 1/11	I MALIAL T				•••	•••		•••		3.71.127	00.313	•••••	•• •
Vheat	•	•••	•••		•••	•••	•••	•••	•••		3.19.650	2,34,544		•• •••
ents	•••		•••	•••	,		••	•••	••		1.19	47.5	•	
ulses of a	l kina	3		•••	•••						48,225	15,927		•••••
ther ceres			•••	•••	•••		• • •	•••	•••		2,46,715	54,250		
unns		•••		•••				•••			21,322	20,715		••••
lemi and	Jule				•••		•	•••	***			2.97.7	1.418	1,134
ides and					•••			•••	•••		19.329	10,+21		
ron								·			13,399	0.613		
NACETIC:	• • •	•••									1.04.214	05.204		
MC1					•••	•••			•••			2.205	2.064	
linerals (kunkt	lr)	•••	•••		•••		•••		1	18,941	1,240		
il-cake		·		•••		•••					7,1123	4,225		
pinm			•••				•••			. 1	2,065	3,222	1	
ajer			•••		•••		***		•••	!	5,512	6,355	,	
hece-go d	A								.,	. 1		******	2,002	14,059
lailway m	nterin			tion w	revunt	١.,,				;	1,830	121		
••	**	for	rijeta	• •	•••		•••	•.		;		*****	143,999	64,300
Links					•••					[1,450	57		****
nit	•••	•••	•••	••	***	•••	•••		•••		87,173	26,626		
alipetre		***	***		••	•••			•••	{	5	******	4,379	1,635
erela	••			•••	•••	•••	•••	***	• • •		85,010	25,643		
iik	•••	•••		**		•••	• •		•••	•••	337	251		
pelter		•••	•••	•••	•••	•••	***	• • •	••	· į	2,504	8,661		
ncer	•••	•••	•••	••	•••	•••	***		•••		2,413	4,478	*****	
iones uer	•-•	•••	•••	•••	••	•••	•••	•••	***		191	****	9.780	3,24
(M	•••	***	•••	•••	•	••		•••	***	•		4,053		****
imber	•••	•••	•••	***		•••	•••	•••	•••		*****	•	955	98
mnoer Cobacco		•••	•••	•••		•-	·-· •	***		}	7,724	4.062	G,0H7	1.290
urmerie	•••	•••	•••	•-•	•	•••	•••	•••	•	-		4,907	11111	
Vines	•••			•••	•	•	••	•••	•••	···			2,021	72
liscellano	1414	•••	••••	••	** '		•••	•-•	•		9,459	3.497	207	1,43
	O-IM	•••	•••	•••	•••	•••		•••			U,7-17	0,497		•••••
								•	Total		36.64,653	7,23,791	3,57,975	1,23 32

Commissariat beer Mds. 12,787 Rs. 9,101
The despatches in the latter half of 1876 showed a marked decrease, and in the three months of the current year there has been a corresponding increase

Upward coal, increase Downward coal, decrease		•••	•••	Mds.	1,54,455 1,61,928	Rs.	44,818 21,355
	increase decrease		•••)† 21	7.473	19	23,463

It will be better to take these together, as it will be seen that, as regards sociate moved, they nearly balance one

As regards the upward coal, the traffic in March 1876 was exceptionally large, vising higher than in any other menth in that half-year, or in the corresponding half of .1875 it amounted to 10,620 tons, and the present increase of 5,670 tons is a very large one.

The downward co al traffic in March 1876 was also abnormal, being 1,900 tons a day, against an average of 1,200 tons a day, against the march of the half-was series of 1,200 tons and the present increase.

tons daily throughout the half-year.
Cotton Mds. 45,767 Re. 67.584

This increase, taken with the increases shown in my January and February reports, makes up just 4,000 tons, and brings the cotton truffic of the three months just up to the level of 1875. Government stores Mds. 6,716 Rs. 16,1 The bulk of this increase is in arms and ammunition, sent up to Loodiana for the Punjab arsenal. Rs. 16,160 Grain_and pulses Mcs. 10,27,986 Rs 3,69,551 ••• Made up as under—
Wheat
Rice
Other coreals " 8.19.680 3,71,427 2,84,654 60.313 ••• Gunny Mds. 24,922 Rs. 20,718

This increase is almost entirely in gunny-bags sent up from Calcutta—mostly new Calcutta—made power-bom bags for the new seed crop, and for carrying out the operations in wheat for export.

Hides Mds. 19,329 Rs. 10,221

January and February showed decreases in this staple of about maunds 7,000, which March has more than recouped; it is always a fluctuating traffic. Mds. 13,399 produce fiels its way to the far nerth-west; while the jaggree of the Cawapore district, which is of inferior quality, gets a market in Central India, in Bembay, and goes in considerable quantities even on to the Baroda line, and as far as The main line traffic in jaggree for the month of March for three years has stood thus-6,700 Rs. 33,000 ••• 1876 ** 8.800 , 45,000 ,, 1,10,000 45,000 12.8(h) Not ... Mds. 87,173 , 26,626

There was a considerable increase (about 22,000 maunds) in the despatch from Howrab, also in the quantities received from the R. S. Railway at Agra and Delhi. Seeds ... Mds. 82,940 Rs. 25,683

This is an increase of about 20 per cent, over last year, but it is not, I am confident, one-half of the increase that we might have had could we have found the means of dealing with all the traffic that offers.

Mds. 68,428 Rs. 582

SUBBULPORE LINE TRACEIO.

just been opened.

						· - :	
		į	Congling	· ·	Goods		Total.
		. ;		'		. · · :	· • ··
		ļ	Mat-	Rs.	Vas.	Ra.	Rs.
1877 1876 .	 : .::	••·	31,75% 26,943	P1 817 : 97,419 :	10,10,065 4,15,138	2,5 8,38 9 244,946	3,19,17 6 1,9 4, 056
	Increase Decrease	:	4,852	2,632	5.141,957	1.57.751	1,53,119
 .			:	i			

J. C. BATCHELOR, Traffic Munager.

Weekly Return of Traffic Receipts on Indian Railways.

KAST INDIAN RAILWAY-MAIN LINE.

Approximate Return of Traffic for week ended 14th April 1877, on 1,279? miles open.

		COACHING TRAFFIC.					MERCHARI	inu Muka Esi	ral Trappic.		TRAIN MILES RUN.		
	No. of passen- gers.	Co	 nehinp	receipts.			Weight carried.	Roce	ripts.	Total Trappic Receipts.	Conch- ing.	Merchan- dire.	Total.
Total traffic for	121.957		A. P.	1		-			!				
Or per unite of	124,027	1,70,007	8 9 9 4	1	4			5.71,618 3 3		1,1-,555 11 0	45,565 <u>è</u>		
Por previous		1	•	-	_							******	
	2,031,030	32,23,933 	3 G	305,527	4	2	1,92,02,614 0	74,37,909 10 5	700,141 14 4	1,08,61,842 12 11	675,1NO	1,404,028	2,079,20 (4)
Total for 15 weeks	2,152,957	83,91,900	1: 8	311,199	4	*	1.95.64,947 10	H2.00.527 12 8	752,510 0 11	1,16,04,428 7 11	720,746	1,507,9654	2,328,699
COMPARISON.						İ			•				
Total for corre-				İ									
week of pre- vious year 'Per mile of		1,90,114	2 2	17,427	2	7	9,91,513 10	4,43,907 9 6	40,601 10 7	0,34,021 11 A	44,2 11	85,182	129,383
railway, cor- responding week of pre-				l		١							
vious year Total to corre-		148	K 10	13	12	4	- 15 000	346 14 0	3 1 15 11	49 5 6 10			
sponding date of pre- vious year		9-) GU 510	1a 9		•	١	1 20 00 AV 00	63.61.228 13 N	643,112 12 11			1,130,125	

EAST INDIAN BAILWAY-JUBBULPORE LINE.

Approximate Return of Traffic for week ended 14th April 1877, on 2233 miles open.

							-							
Total traffic for		Rs.	A. Y	-	£	s.	d.	Mds. Sr.	Rs. A. P.	£ d	L Rs. A. P.			
the week Or per mile of	7,941	23,738	6 :	4	2,176	ů	4	2,02,474 0	00,703 13 0	6,114 10	6 90,442 B :	4,751	16,180	20,931
railway For previous	******	100	1 1	۱,	9	11	6	••••	298 1 11	27 6	7 404 3 1			
14 weeks of half-year	110,3474	4,11,831	10 ()	37 ,751	4	8	32,60,091 10	: 8,19,312 70 A	75,094 9 1	! D _: 12,31,644 4 (73,802	220,350}	285,704}
Total for 15 weeks	118,2854	4,35 570	0 2	3	D.1·27	8	0	35,72,765 10	8,95,916 7 0	81,209 0	R, 13,21,486 7 5	78,1012	276,330}	314,635
Comparison.														
Total for corre- a p o n d i n g week of pro-														
Per mile of railway, cur-	6,185	20,657	0 (1	1,838	11	3	1,21,139 10	29,917 2 0 ·	2,742 8	49,974 2 6	4,708	6,726	11,434
responding week of pro- vious year	*****	85	10 5		*	4		*****	133 11 4	12 6	923 5 7			401 ***
Total to corre- sponding date of pro-						-	i			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Viole) ear	90,025	3,30,9 78	2 (2	9,072	19 1	1	15,66,786 20	3,60,267 4 0	33,024 9 1	6,87,245 6 0	73,658	87,118	160,776

KASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 14th April 1877, on 1581 miles open.

		- v Alexando		·		-
	<u>. · · </u>	Coaching Trays	MC.	Merchard	isd and Minneal Trappic.	Total
	Number of parameters.	Conching 7	eccipts.	Weight carried.	Receipts.	receipts.
		Rs. A. P.	£ a. d.	Mds. Hr.	Ra. A. F. & e. d.	2 . 4
Total traffic for the week	29,802}	17,045 6 9	1,621 3 4	2,04,740 29	42,985 11 5 3,910 1 7	4,561 4 11
Or per mile of railway	189	111 12 1	10 4 10	1,293 53	271 9 10 25 18 0	35 2 10
For previous 14 weeks of half-year	625,359)	3,711,164 8 0	34.778 10 1	24,85,796 6	5,00,058 6 2 45,858 13 7	80,617 S B
Total for 15 weeks	655,35; :}	3,00,040 14 9	36,309 18 5	26,84,545 35	5,43,041 1 7 40,778 15 3	86,178 13 7
COMPARISON.		1				
Total for corresponding week of previous year	30,101	19,915 6 1	1.525 11 6	1.57,435 4	30,385 11 11 2,785 3 7	4,610 15 1
Total to corresponding date of	190	125 18 7	11 10 P	191 34	191 15 11 17 19 0	29 9 9
previous year	654,138	3,49,270 5 10	35,063 13 4	24,29,956 3	4,50,605 18 8 41,511 0 9	76,994 14 1

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 14th April 1877, on 28 miles open.

1.000000000000000000000000000000000000		COACHING TRAFFIC.		Менонаур	IN AND MINERAL TRA		Total
	Number of passengers.	Coaching receipt	 L.	Weight carried.	Receipta.		receipts.
		Ra. A. P.	. s. d.	Mds. Sr.	Ra. A. P.	& s. d.	£ s. d.
Total traffic for the week	9,06 3	1,343 0 0 18	6 6 8	16,790 0	556 0 0	55 13 U	191 18 0
Or per mile of railway	324	45 8 0	6 17 0	G00 0	20 0 0	2 0 0	6 17 0
For previous 14 weeks of half-year	144,363	20,844 0 0 2,09	4 12 0	2,61,966 0	8,K35 0 0 8	SS 10 0	2,964 % 0
Total for 15 weeks	153,425	22,200 0 0 2,22	n 18	2,78,995 0	9,391 0 0 1	G9 2 0	3,160 0 0
COMPARISON.				1			
Total for corresponding week of previous year For mile of railway, corresponding	10,0164	1,471 0 6 14	7 2 0	24,847 20	714 4 8	71 8 6	218 10 6
week of previous year	358	52 8 7	5 5 1	744 22	25 8 2	211 0	7 16 i
Total to corresponding date of previous year	150,935}	20,447 13 9 2,04	15 9	3,81,190 30	9,191 2 8 9	19 2 3	2.963 1× 0

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 14th April 1877, on 274 miles open.

		Rs. A. P.	2 s. d.	Mds. Sr.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	1,714	N31 0 0	83 Z 0	5,594 0	437 0 0	43 14 0	196 16 O
Or per mile of railway	63	30 R 0	3 1 0	295 9	16 0 0	1 12 0	4 13 0
For previous 14 weeks of half-year	32,148	15,44H 0 0	1.544 16 0	96,426 0	7,408 0 0	740 16 0	2.291 12 6
Total for 15 weeks	33,802	16,279 0 0	1,627 18 0	1,02,020 0	7,935 0 0	793 10 a	7421 R 0
COMPARISON.							
Total for corresponding week of previous year Per mile of railway, corresponding	1,783	851 9 3	85 3 2	5,390 20	453 11 9	46.7.5	130 10 7
week of provious year	65	31 4 0	3 2 6	197 33	16 10 4	1 13 8	4 16 9
Total to corresponding date of pre- vious year	11,610	15,290 4 6	1,529 0 6	1,34,934 20	10,496 1 0	1,049 12 2	2.57R 1: 8

CALCUTTA AND SOUTH-RASTREN STATE BAILWAY. Approximate Return of Traffic for week ended 31st March 1877, on 28 miles open.

			Coaceive Trai	7716.	Manonava	ed and Kinebal Trappic.	Total receipts.
			Conching	receipts.	Weightenfried.	Receipte.	receipts.
			Ra. A. P.	. 4 . 4.	Mds. Sr.	Ma. A. P	8 . 4.
Total traffic for the week		9,478	1,517 0, 0	151 14 0	22,195 0	725 0 0 72 6 0	224 0 0
Or per mile of railway	· ·	. ===	5400	580	795 0	26 9 0 4-12 0	
For previous 18 weeks of	belf-ye	195,514	. 17,864 0 0	1,786 8 0	1,10,978 0	7,581 0 0 788 8 0	1,519 10 0
Total for 18 weeks	•••	. 184,997	19,361 0 0	1,986 2 0	2,42,171 0	8,054 0 0 808 8 0	. 2,748 10 0
Comparison.							
Total for corresponding provious year. Per mile of railway, corre			1,390 9 8	199 17 8	19,635 0	d72 4 9 d7 4 8	197 1 10
week of previous year Total to corresponding		. 550	46 6 1	4 19 P	701 .7	24 0 2 2 8 0	700
bierions her		181,481	17,668 18 9	1,765 17 9	-2,38,267 30	7,726 3 8 773 8 3	2,536 6 0

NALHATI STATE RAILWAY.

Approximate Return of Iraffic for neck ended 31st March 1877, on 27 miles open.

		Re, A. P.	B s. d.	Mda. Br.	Rs. A. P.	£ s. d.	2 . 4
Total traffic for the week	2,164	978 O U	W7 16 0	6,730 0	676 0 0	. 07 15 6	166 8 0
Or per mile of railway	79	36 0 0	\$ 12 O	247 0	25 0 0	2 10 0	6 2 6
For previous 12 weeks of half-year	38,0\$3	18,471 0 0	L347 2 0	88,410 0	6,360 0 0	650 0 0	1,988 # 0
, Total for 13 weeks COMPARISON.	80,197	14,449 0 0	1,444 18 0	91,149 0	7,00d (1 0	708 18 0	2149 10 0
Total for corresponding week of previous year	9,218	1,056 13 0	105 11 8	5,900= 0	415 9 0	1	150 2 10
Total to corresponding date of pre- vious year	28, L60	\$8 11 11 13,750 3 10	3 17 6 1,375 0 4	216 31 1,25,817 0	26 5 7 9.680 U 6	112 8 968 1 8	5 10 2 1,348 1 7

No. 16 of 1877.

[REGISTERED NO. 29.]



The Calcutta Gazette.

WEDNESDAY, APRIL 18, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Sufflewest separately on payment of Six Kupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 7th April 1877.

Present:

```
The Lieutenant-Governor of Bengal, presiding, Ible V. II. Schalch, c.s.i.
I'ble G. C. Paul, Acting Advocate-General,
A'ble H. J. Reynolds,
n'ble T. E. Ravenshaw,
A'ble H. Bell,
on'ble Baboo Ram Shunker Sen, Rai Bahadoor,
ion'ble Baboo Isser Chunder Mitter, Rai Bahadoor,
ion'ble Baboo Kristodas Pal, Rai Bahadoor,
Ion'ble Nawab Meer Mahomed Ali,
and
n'ble F. Jennings.

COURT OF WARDS.
LE Mr. Schalch moved that the Bill to amend the Court of
170, be further considered in order to the settlement of its
```

On the motion of the Hon'ble Baboo Ramshunker Sen, verbal amondments were made in sections 28 and 58.

The Hon'ble Baboo Isser Chunder moved the addition to section 50 of the

following words:-

"and, subject to the approval of the Board, impayment of such charitable and other allowances as were paid out of the proceeds of the estate before it came under the management of the Court, or such customary allowances or donations as the Court may authorize to be paid."

He said the amendment had been put forward on the last occasion, but with an addition suggested by his hon'ble friend Baboo Kristodas Pal. The addition was to the effect that these allowances were to come out of the ten per cent. for improvements. The result was that the amendment was not accepted by the Council, and as it was the opinion of some hon'ble members that the amendment as it originally stood would be a great improvement, he now begged to move it again.

The motion was agreed to.

In section 57 the words "or to the manager or sub-manager" at the end of the section were, on the motion of the Hon'ble Baboo Ramshunker Sen, omitted. The section declared to what persons the manager was to furnish accounts, and the latter part of the section provided that, when the property of a ward was situated in different divisions, it should be optional with the Board to order that the accounts for the lands in each district should be submitted to the Collector of that district, or to the Collector in charge of the ward, "or to the manager or sub-manager." The words referred to were clearly anomalous, and

ought to be struck out.

The Hon'Ble Ma. Bell said he owed the Council some apology for the amendment he was about to propose. It would be in the recollection of hon'ble members that at the last meeting an amendment was carried on the motion of the hon'ble member opposite (Nawab Moer Mahomed Ali), which provided that in the case of a Mahomedan ward no guardian should be appointed unless he professed the Mahomedan faith. That amendment was passed without any discussion, and he believed also without any remark; and he had no doubt that many hon'ble members voted for the amendment without fully considering what the real effect of the amendment was. He did not for a moment mean to say that his hon'ble friend had taken the Council by surprise in moving the amendment, because it had been in the hands of the members two days before the Council met. But it had never been brought forward before the Select Committee, and hon'ble members had not therefore had the opportunity of considering it in all its details and effects. Now, the law on the subject of guardians of minors subject to the Court of Wards as tood, and as it had existed since 1793, was this, that in the the Court of Wards had the power to appoint any guardian i but in the case of female wards, the Court was compelled, female guardian who was of the same religion as the ward hers. thought that in the case of a female ward, particularly of a ward or Mahomedan religion, such an arrangement was very necest, sequence of the practice of early marriages in this count seldom required a guardian beyond the age of twelve ye a female ward was married, the necessity for a guardian coal-husband was the guardian. The necessity therefore of a guardian of female wards only lasted during those tender years of mind was very plastic and impressible, and it was therefore should be guarded from those external influences which might the precepts of their faith.

But the case was different with youths. By a recent Act of the age of majority had been extended from eighteen to at the object in thus putting on the age was that the youth more complete education than could be obtained at the and that he might go forth into the world better education fitted to perform the duties of life. Now, in the education attention had always been bestowed, and very deservedly. European culture and European science; and in the case of a way estate, it was very often found convenient to the size him as

gentleman of literary and scientific attainments, who would undertake the proper education of the ward and act at the same time as his guardian as well. When Mr. Bell was at Delhi on the occasion of the recent assemblage there, he had had the good fortune to meet with two native noblemen of Bengal who were brought up under private tutors who also acted as their guardians, and he must say that the education they had received, both their mental culture and their physical training, were such as would enable them to contrast very favourably with gentlemen of their own class and position at home.

The amendment which was carried by his hon'ble friend at the last meeting had this peculiar effect: it recognized the propriety of allowing a Hindoo ward to have a guardian of any religion; but in the case of a Mahomedan ward, it limited the selection to persons professing the Mahomedan faith. did not wish to say a word in disparagement of any section of the Mahomedan community; but he thought his hon'ble friend would admit that Mahomedan gentlemen as a rule were not so impressed with the necessity for education in European science and culture as their fellow-subjects the Hindoos were. It therefore seemed to him that the Council would be taking a very retrograde step if they prevented the Court of Wards, in cases in which they thought it expedient, from appointing a European guardian to a Mahomedan youth. The law as it at present stood was the same as it had existed since 1793, and he was not aware that any complaint had ever been made on any occasion that the power which the Court of Wards had of appointing guardians had ever been abused. The only reason for restricting the power in the case of female wards was that their education ceased at a very early age, and that they were only under the guardianship of the Court of Wards during the earliest period of infancy. But in the case of youths it was most necessary that the Court should have an unlimited field of selection, and should not be restricted in appointing a guardian by a provision that the guardian must be of the same religion as the ward.

It was for these reasons that Mr. Bell asked the Council to adopt the amendment which he now proposed; it was simply to leave the law as it was at present. It was a law which had worked since 1793 most satisfactorily, and, as far as he was aware, had never been the subject of complaint. He

moved that the following be substituted for section 60:-

"Every guardian shall be appointed in the manner hereinbofore provided for the appointment of managers:

"Provided always that none but a female shall be appointed guardian of a female ward:

"Provided also that none but a person of the same religion shall, except in the case of a testamentary guardian, be appointed guardian of a female ward, preference being given to female relatives if any such be eligible. Every guardian shall be subordinate to the Court and to the Collector excreising the duties of the Court under sections 15, 16, 18, and 19.

as provided in section 35, no guardian shall be appointed in any case in which

ensider such appointment unnecessary."

BLE NAWAR MEER MAHOMED ALI observed that although under the guardian of a different religion might be appointed to a Mahovet practically he believed that it never was done. It appeared exirable that a ward should be trained to the manners and customs igion, and if under the existing law guardians were appointed of a

to their wards, such a law, he thought, should not be mainred to him to be contrary to the Mahomedan religion. For contended that the section should stand as it was amended

g of the Council.

THE ADVOCATE-GENERAL said it was obvious that the amendment buld afford a decided advantage, inasmuch as a ward who the have a European gentleman appointed as his guardian. The ch Bohar was a conspicuous example of the advantage of such an It appeared to the Advocate-General that it was to the benefit restricted power in the nomination of guardians should be given Vards.

LE NAWAR MEER MAHOMED ALI thought it necessary that, as redan wards, they ought first to be taught their religion and the instems of their race, and education in other matters might follow. OR THE PRESIDENT said he felt that the hon ble gentleman was rantage, as being the only Mahomedan member in the Council, or would ther the gladly have supported him if he saw anything

whatever in his proposal which had any real bearing on Mahomedan interests. His Honor could not understand the nature of the objection which had been raised. There was no possible difference between the cases of Hindoo and Mahomedan wards; and if it was right that the selection of guardians in the case of wards of the Hindoo religion should be left to the discretion of the Court of Wards, he could not conceive why it was considered wrong where the ward was of the Mahomedan persuasion. It was true that there had not been many cases of Mahomedan wards having European guardians, but that was perhaps to be accounted for from there having been few large zemindaries belonging to Mahomedan gentlemen under the Court of Wards. But still, unless he was very much mistaken, there had been such cases before, notwithstanding that the hon'ble gentleman declared that he knew of no such case, and there might possibly be again, and if they did not arise, no harm would be done by the amendment now proposed. The provision, moreover, was not compulsory: it simply gave power to appoint a guardian of a different religion when there were special reasons for doing so. In the case of a nawab or zemindar of eminence and wealth, it might be very desirable, and be in accordance with the wishes of the ward's family, to place him under an officer or a gentleman of high attainments. If it was wrong to appoint a European guardian to the Mahomedan, it was equally wrong to appoint such a guardian to the Hindoo, which was a view which no one had ever taken yet. His Honor regretted therefore that he could not support the objection of the hon'ble member.

The motion was then agreed to.

The Hon'ble Bahoo Ramshunker Sen said section 66 provided that guardians should render monthly and annual accounts of the expenses incurred on account of the wards in their charge. He would propose as an amendment that the following proviso be added to the section:—

"Provided that where a fixed allowance is given for the support of a ward, the Court may exempt his guardian, if a female, from rendering such monthly or annual account-current."

He observed that there were cases in which it was found impracticable to obtain these accounts from the guardians of minors, notably in cases in which the minor's mother was the guardian and the other members of the family lived in the same house and formed one family with the ward. In such cases guardians had to expend something out of their own pocket in addition to the allowance, and it was very difficult for such persons to give an exact account of the expenses incurred on behalf of the ward. He thought therefore that a discretion should be left to the Court to exempt such female guardians from rendering these monthly or annual accounts.

The motion was agreed to.

The Hon'ble Mr. Schalch withdrew the motion, of who been given, for the insertion of the following section after sections

"No contract for the marriage of any ward under the age of twideemed valid without the consent of the Lieutenant-Governor, and no such without the consent of the Lieutenant-Governor obtained previously to sylpplication made to him through the Court and the Board."

The Hon'ble Mr. Bell said his hon'ble friend Nawa Ali had moved an amendment at the last meeting to omit consection 84, which authorized the Court of Wards to sell an estimated within one year after the death of a ward. That presented a very stringent one, and in the amendment which he had provided against the mischief against which his literature of his hon'ble friend was that his hon'ble friend's amendment Bengal Act VII of 1876. He would move that the follows substituted for sections 83, 84, and 85:—

"If on the death of any ward the succession to his property, or an experiment, it shall be competent to the Court either to make over such property, to any person claiming such property, or to continue the charge of such property, or part of such property, under the provisions of this Act with such claimant has been determined by the Collector under Bengal Act VII

The motion was agreed to.

The Hon'ble Baboo Kristodas Pal withdrew the amendment to section 84 of which he had given notice.

On the motion of the Hon'ble Baboo Ramshunker Sen verbal amendments

were made in the forms in Schedules A and B.

HIS HONOR THE PRESIDENT said it was right to mention that he had that morning at the last moment received a memorial in respect of this Bill. It was from Baboo Prannath Pundit, and was chiefly in reference to objections which the amendments which had been moved by hon'ble members had already removed. There were besides other minor matters discussed in the memorial which were entirely unimportant. HIS HONOR would observe that if the memorialist had anything particular to suggest, he should have done so at an earlier stage.

The Hon'ble Mr. Schalch then moved that the Bill be passed.

The motion was agreed to and the Bill was passed.

GHATWALI POLICE.

THE HON'BLE MR. BELL moved that the report of the Select Committee on the Bill for the regulation of the Ghatwali Police in the districts of Bankoora and Maunbhoom be taken into consideration in order to the settlement of the clauses of the Bill, and that the clauses of the Bill be considered for settlement in the form recommended by the Select Committee. He said, when he had the honor to introduce the Bill, he had explained the circumstances which had rendered the present legislation necessary. He did not intend to trouble the Council by again adverting to those circumstances. He should content himself with explaining what the action of the Select Committee had been. The Bill as now settled related merely to the district of Bankoora, and it was confined to one subject—the regulation of the Ghatwali Police in that district. Hon'ble members were aware that a considerable body of police officers called ghatwals had for many years existed in Bankoora. As far as our information extended, they owed their origin to the time when the pergunnah of Bissenpore was under the executive control of the Rajah of that place. During the times of anarchy and disorder, which prevailed towards the end of the Mogul dynasty, a number of predatory tribes harassed the country; and it was supposed that the Rajah established these ghatwals to resist the incursions of those hostile marauders, and to protect the persons and property of travellers and merchants who traversed the high roads of the district. For the support of these ghatwals grants of land were assigned, and these grants were held on a twofold condition-firstly, the payment of a small quit-rent; and secondly, the performance of police duties. When the executive control of the district passed from the Rajah of Bissenpore to the vernment, the Rajah found considerable difficulty in dealing with

ls and in collecting his quit-rent from them. As the quit-rent was he assessment of the pergurnah, the Rajah naturally considered it should be compelled to pay the Government revenue with unfailing while he was unable to realize the quit-rent from the ghatwals. agreement was entered into by which the Magistrate undertook to nit-rents and credit them to the Rajah, and in return for this conmade over to the Magistrate the entire control and management This happened in the first years of the century, and since ent had been paid to the Magistrate, and the appointment and ghatwals was vosted exclusively in the Magistrate's hands. when the ghatwals were made over to the Magistrate, no very is made of the duties which they had to perform. But in those on was of little importance. From 1806 to 1872 the ghatwals tatever duties they were required to perform, and although twals were dismissed for acts of insubordination or misconduct, record an instance in which an appeal was made to the Civil 1872 serious differences arose between the ghatwals and the here had been a great increase of dacoity in Bankoora, and the crintendent of Police attempted to turn the ghatwals to better equiring them to patrol the roads. The ghatwals resisted the various ghatwo twee dismissed. This dispute regarding the roads led also rother differences, and the consequence was that

Ate was in r sat number of instances taken into the Civil Court,

and the Civil Court was asked to determine whether the services which the Magistrate required the ghatwals to perform were services which could legally

be required of them or not.

Mr. Bell submitted that no body of police could be efficiently managed if, whenever an order was passed, the police officer was at liberty to go to the Civil Court and ask whether the order was one which he was bound to obey. This result, so disastrous to discipline, was certainly owing to there being no clearly defined and settled rules to which both the Magistrate and the ghatwals could appeal, to know what they could and what they could not be required to do.

The Select Committee, in considering the question, had received great assistance from the local officers in communication with whom the Bill had been drawn up. In considering the duties which the ghatwals should be called upon to perform, the Committee had kept as closely as possible to the duties exacted from village chowkeedars. It was not, however, possible to adopt the whole of the Chowkeedaree Act, as the circumstances of the ghatwals differed in many essential particulars from the circumstances of chowkeedars. It often happened that there were ten or twelve ghatwals in one village, of whom only one would be required to act as a chowkeedar. In such cases the Bill authorized the Magistrate to employ the surplus ghatwals on patrol duties; but in doing so, the Committee provided that a ghatwal should not be required to patrol at a greater distance than five miles from the village to which he belonged, and he could only be required to act as a patrol for three months in the year; after that he would be his own master for the remainder of the year. The Committee had made the duties of ghatwals as light as they consistently could, and they thought that in the provision which they had made they had acted as fairly as possible to the ghatwal on the one hand, and the district officers of Government on the The Committee had also provided for the dismissal of a ghatwal; but as he had a quasi-hereditary interest in the land which formed his service tonure, it was provided that no ghatwal should be dismissed, except after three convictions within the space of two years, for disobedience to orders, wilful misconduct, or neglect of duty, or except after being sentenced to rigorous imprisonment under the provisions of the Penal Code, or of any local or special law. As a further safeguard, it was provided that a ghatwal who had been dismissed should have a right of appeal to the Commissioner of the Division.

The Bill as settled by the Select Committee had the entire approval of the local officers, except with regard to section 4. That section, as it stood, was objected to both by the Commissioner and the Magistrate: and as high Bell only received the Commissioner's letter yesterday, he had not had time to frame an amendment to meet the objection which was raised; but he had to so at the next

meeting of the Council.

There was only one other point to which he wither to rearmittee had received a petition from Mesars. Erskin indicate Gisborne and Co., who were large landed proprietors in orteral reaching of Bankoora. They objected to the Bill for two or three reaching complained that they had very great difficulty in cell crime the ghatwals. He should have observed that it was only in a portion of Bankoora that the quit-rent was paid to the Government in which Messrs. Erskine's estates with intended that they had received in getting the ghatwals to pay their rent. It was subjected in and Co. and to Messrs. Gisborne and Co. that in all probabilities would be prepared to make the same arrangement with their with the Rajah of Bissenpore in 1800; that is to say thus the late take the trouble of collecting the quit-rent and credit they make the seem disposed to accede, and the Committee had the committee had the ghatwal persistently refused to pay rent to the zemindar, it ship with the Magistrate, if he thought proper, to dismiss the ghatwal from ment. So far the Committee had attempted to meet the just wished dars. They had given to the zemindars in collecting their quit-refusery similar to what the Government enjoyed in the ollection of the Then there was another point to which the peace mers alluded.

in question the arrangement which was made with high of Bisse

commencement of this century. They said that as the Government at the time took upon themselves the control of the ghatwals, they ought to guarantee the payment of the quit-rent, or restore to the zemindar the power of dismissing and appointing the ghatwal. Mr. Bell did not think that this was a question which the Council would entertain. The Select Committee had framed their Bill upon the existing practice—a practice which had been in force for very many years. The Magistrate had at present the exclusive right of dismissing a ghatwal, and this right they had continued to the Magistrate; it was a right which he already possessed, and which the Committee considered ought to be maintained.

There was another point in the petition with reference to which Mr. BELL wished to make one or two remarks. The zemindars complained that the ghatwal's tenure had been made hereditary; they said it was not hereditary. But in point of fact the Committee had left the question of the tenure being hereditary or not hereditary, as far as the zemindar was concerned, entirely untouched. The provisions in this respect merely related to the Government on the one side, and the ghatwal on the other. The ghatwal had been granted, as against Government, a hereditary tenure under certain circumstances, and the Committee had not attempted to interfere with any rights which the zemindar might possess. The zemindars complained that their reversionary rights had been altogether ignored; but, in fact, the Committee had not touched these reversionary rights, because they were not in question in the present Bill. Hon'ble members were perhaps aware that these tenures had been a fruitful source of litigation between the ghatwals and the zemindars in every district in Bengal in which they existed. The zemindars maintained that they had a right to resume these tenures on the necessity for the service ceasing; but the Privy Council had held that the cessation of the service gave the zemindar no right to resume the tenure. These questions were, however, quite beside the Bill, and the Committee had not touched upon them.

He did not think there was any further remark which it was necessary for him to make, but he wished to correct a statement which he had made when he introduced the Bill. He then stated that Mr. Macaulay, to whose exertions they were much indebted 14 Weather sampaluable information which he had ground are dollar by that it was norfectly useless to hat it was perfectly useless to laid before them, had Tublished for general infol iso long as the duties of the attempt to turn these gha had entirely misappri opinion very much would be impossible to ghatwals were left DRIT., utilize them; ical. ded, and the duties of the in efficient force. h behalf of himself and the derived in discussing the com the local officers. In a

> ch bonod; the rest of the Bill was

sary that the Select Comlocal officers, and he hoped use which the local officers

CESS.

The measure was little more than an appliof assessment and valuation under the Road Cess.

The Road Cess Act of 1871 was at present tower Bengal, with the exception of Singhboom, Chittagong Hill Tracts, and collections had to except Darjeeling and Chittagong. In into force a few months ago, and in Chittagexeessive that the valuations were not yet

furnished; but it was expected that in both these districts the preliminary operations would be completed during the present cess year, and the work of collection commenced from October next. The three remaining districts which he had mentioned—Singhboom, the Sonthal Pergunnahs, and the Chittagong Hill Tracts—would no doubt escape all collections under this Bill; and it was under the consideration of Government in what way these districts might be made to contribute their proper quota to provincial revenues. But these districts were poor and were thinly inhabited, mostly by aboriginal tribes, and, under any circumstances, they could not contribute much.

The first section of the Bill provided that the Lieutenant-Governor might exempt any district or sub-division of a district, or any estate or tenure, from the operation of the Act. That had been introduced with the object of allowing the Lieutenant-Governor to exempt from contributions under this Bill such parts of districts or estates as would be liable to the irrigation rate under the Bill which was in charge of his hon'ble colleague Mr. Ravenshaw. In the remainder of the sections the Road Cess Act was almost completely followed. The only section he need call particular attention to was section 8, which provided for the realization of the cess. The realization of the road cess was regulated by section 23 of the Road Cess Act. It had been pointed out by the Board of Revenue that the mode of realization was cumbrous and inconvenient, and the Board had urged an amendment of the Act in that respect. It was therefore thought necessary to provide that every amount which might become due to Government in respect of any arrears of the public works cess should be deemed to be a demand under section I of Bengal Act VII of 1868, and should be recoverable as such. The definitions of the road cess had been adopted in the present Bill. But as there might be room for some ambiguity as to what might be considered provincial public works, the 11th section gave power to the Lieutenant-Governor to declare what works were to be deemed provincial public works for the purposes of the Bill.

He thought he need not detain the Council with any further remarks, and

he would therefore move that the Bill be read in Council.

The Hon'ble Baboo Kristodas Pal and that there was no member of the Council who could have heard His transfer ghatwal varies statement last week without deeply feeling the responsioner of the Di or wishing to offer the Lieutenant-Governor his he ect Committee had the survert in meeting the difficulties which frowned section. That section as it is reshold of his career as the responsible ruler of P the Magistrate and as high Bs whatever might be said here as to the reason reasy, he had not had time to frame row the burden of additional taxation on Polywar raised, but he happed to do so a new taxation, Bills now before this Co.

Bills now before this Co of India; but he hoped Br point to which he wished it refers of India; but he hoped Br point to which he wished it refers right, which the constitution is landed recognition. right, which the constitution from Messrs. Eirskin indexes themselves those reasons and the landed proprietor, in one past in this Council, hon'ble mother Bill for two or three machines had not the requisite detail great difficulty in cell citing them had not the requisite detail great difficulty in cell citing them had not the requisite detail great difficulty in cell citing them had not the requisite detail great difficulty in cell citing them statements; but with the information that they had very remarks.

The first point to which halfamed that they had very the rise and progress of the and Co, that in all properties that the Revolution which same arrangement with they had been soil of Bengal was brought and that is to say, that the line

that the Revolution which same arrangement, with the soil of Bengal was brought at the that is to say that the despair by the oppressions and credit, the arrangement and credit, the arrangement with the control of th world, the envy of rival nations in Europe and piah of Bisse

rise and progress of British power in India might be divided into six great epochs—the first, from the time of Clive to that of Lord Amherst, who, in 1827, proclaimed England as the Paramount Power in India; the second, from the reign of Lord William Bentinck to that of Lord Auckland, which was the era of peace, disturbed only by the disastrous campaign against Afghanistan; the third, from the reign of Lord Ellenborough to that of Lord Hardinge, which included the conquest of Sindh and the first Sihk war; the fourth, the Dalhousian era of annexation; the fifth, the Sepoy Mutiny; and the sixth, the direct government of the country by the Crown. From 1757 to 1805 occurred that keen struggle for dominion which ensued between the English, the French, and the great native powers in the country. Within this period were waged the great battles of Patna and Buxar between the English and the Emperor of Delhi and Mir Kassim, which won for the East India Company the province of Behar, the Rohilla war, the Mahratta war, the Mysore wars, and the conflict between the Nawab Vizier of Oudh and the Emperor of Delhi, in which the English supported the former. The result of this warfare was the establishment of British power on a broad and strong basis, the acquisition of Behar in 1764, of the Carnatic and other provinces in Madras in 1801, of the ceded districts in North India which now constituted the North-West Provinces from the Nawab Vizier of Oudh in 1801, and of Orissa from the Mahrattas in 1803-1804. And who was it that supplied the sinews of war during this eventful period? The earliest revenue returns he had seen did not go back further than 1792, and from the returns from the years 1792-93 to 1801, he would give to the Council the receipts and charges of the then three divisions of the Company's territories. In 1792-93 the gross revenues of Bengal were £5,512,761, from Madras £2,476,312, and of Bombay £236,555. In that year the gross charges were for Bengal £3,873,859, for Madras £2,222,878, and for Bombay £844,096. The surplus revenue of Bengal was therefore £1,658,902. He would not weary the Council by going into the figures of all these years, but take the year 1801, which was the last of the years he wished to allude to. But he might say that during these years the surplus revenue of Bengal varied from £1,439,812 to £2,157,785. In the year 1801 the gross revenue of Bengal amounted to £6,658,334, of Madras £3,540,268, and of Bombay £286,457. The gross charges were for Bengal £5,420,966, for Madras £4,614,387, and for Bombay £1,439 85 ground arfore again yielding a surplus revenuo of £1,237,868. He r ofter that year the ceded districts -the revenues of the two were of the North-West v Published for general is that the revenues of Bengal mixed up. It woul in the early days of tion of new to 11cal Deer., English rule. 2y 1577. contributed to the acquisithose which passed under d on, the stream of Bengal they had now the pleasure y acquired provinces into hich Bengal had made from juilding up of the vast and

> ow had Bengal been treated of by far the mest distininn Peter Grant, on this point. on the subject of the proposed Grant wrote as follows:—

ovincial expenditure upon pubsupreme authority, and that the supreme authority, and that the moral revenues has always been uld be safe to say by at least two-should be framed on the principle of a population, or to the geographical extent, as compared with the other provinces of long series of years, has been such, in a y different parts of India, or whose duties from imperial funds for all parts of this moment there is only one really good I Bengal, Bohar, Orissa, Chota-Nagpore, taken as one-third part of British India), namely, act too much to say that this single work would not

have existed if it had not been, by geographical necessity, an inseparable part of the line through the North-Western Provinces."

Now he thought that no one would have the hardihood to question the truth of this statement, but he had still further evidence. Sir, George Campbell thus spoke on this point in this Council at the time of the introduction of the Road Cess Bill in 1871:—

"Look at the roads, court-houses, serais, jails, and many other things in other parts of India, and you see at a glance that Bengal had great needs, and whatever the cause of the difference might be, if it was to be set right at all, we must do it ourselves, or otherwise it would not be done at all."

Well, they had it on the testimony of Sir J. P. Grant that up to 1861 financial justice had not been done to Bengal. How did the matter stand since? He had compiled some figures showing Public Works Expenditure Ordinary from 1861-62 to 1872-73; he had not seen later returns of divisional expenditure of the five great provinces of the Empire-Bengal, the North-West Provinces, the Punjab, Madras, and Bombay; he had not taken into account the smaller provinces, as they were still in a nascent condition. The total grant for Public Works Ordinary from 1861-62 to 1872-73 was for Bengal £8,691,000, while the gross revenue during those years amounted to £188,819,000; for the North-West Provinces the grant was £4,193,000, and the gross revenue £69,679,000; for the Punjab the grant was £6,791,000, and the gross revenue £40,573,000; for the Madras Presidency the grant was £8,168,000, and the gross revenue £88,509,000; for Bombay and Sindh the grant was £12,437,000, and the gross revenue £109,506,000. The proportion of expenditure to revenue was therefore in Bengal £4 11s. per cent., in the North-West Provinces £6 0s. 4d. per cent., in the Punjab £16 15s. per cent., in Madras £9 5s. per cent., and in Bombay £11 7s. per cent. The proportion per head of population was in Bengal 2s. 8d., in the North-West Provinces 2s. 9d., in the Punjab 4s. 8d., in Madras 5s. 3d., and in Bombay 15s. 4d.

It would thus be seen that though Bengal had yielded the largest amount of revenue and comprised the largest number of the population, it had had the smallest assignment from the imperial funds for the improvement of its material condition. But it might be said that perhaps justice had been done to it in the allotments for Public Works Extraordinary. He found that the total outlay or natival very six to the end of the year 1875-76 was £16,454,000 subject of the Di or will were spent in the North-West and in the Punjalon mittee had the convert ithe remainder being spent in Madras and Bombaron 4. That section is its resho Railways up to the year 1779-80 was estimated against and as the Brail what of the Council was to show that Bengal had reased; but he hoped to do a new id that though latterly the conscience of

had taken a new bound, arbt to which he wished to refer to of this province to provide Messrs. Forking the working expenses of the cambed proprietor in one particular ment had hitherto prosecute. Bill for two ar three reading improved the imperial rever difficulty in cell citing the reverse would submit with all defere that it was only as portion kept with Bengal, showing held to the Government is dation of the Empire, and townstrated the init rental vinces, it would be manifest that led that they had well new taxation was required from it was subjected to the meeting all legitimate locals to that it is to say that the legitimate did not deny this truth, but it that is to say that the legit who had always been giving mut, at and credit, the amendated say, resembled a vast joint under a tion, however, and just that fresh burdens should be in a position to pay? He could in the should be in a position to pay? He could in the state of their quit-reading the could be much that a sound reason that A should be muld to plection of the square? The only question was whether mers alluded provinces, after paying all her legitimate expensish of Bissel.

her tribute to the Government of India for protection and imperial administra-The figures of the year 1872-73—those of later years he had not seen in a complete form—showed how Bengal stood from this point of view. The gross revenue from Madras was £8,173,806, and the gross charges £6,020,074, leaving a surplus of £2,153,732. The gross revenue from Bombay was £9,512,498, and the gross charges £7,313,506, leaving a surplus of £2,198,992. The gross revenue derived from the North-West Provinces was £5,831,067, and the gross charges were £2,258,932, the surplus being £3,572,135. In the l'unjab the gross revenue was £3,588,076, and the charges £2,129,928, leaving a surplus of £1,458,148. But in Bengal the gross revenue was £15.831,072, and the gross charges being no more than £5,756,334, an enormous surplus of £10,074,238 was left. It would thus be at once apparent that Bengal yielded the largest surplus. But it might be urged that Bengal could not justly claim the full amount of the opium and customs revenues which were derived in Bengal, and he was quite willing to make a reasonable deduction on that account. In 1872-73 Benares opium realized £2,468,024,and allowing one-fourth of the customs revenue for the share of North India, and a similar deduction being allowed for the Bombay Customs-for since the opening of the Sucz Canal and the completion of the Jubbulpore line of the East Indian Railway there were now two routes for commerce into Northern India—the total deductions amounted to £2,710,000, which, being deducted from the surplus of Bengal, left a net balance of seven and one-third millions in favour of Bengal. He had, however, heard it said that it was China, and not Bengal, which paid the opium revenue; but the wine duties of England which amounted to about twenty millions were paid by consumers in other countries, and yet the English treasury took the credit of it. In fact, all export duties were paid by consumers in other countries, but the produce of the duties was considered revenue. Again, they had been told that the revenue was so large because the Government maintained a monopoly; but if an excise duty had been levied on opium, and the receipts had been less, the difference would have gone into the pockets of the people, and it was therefore a direct contribution by them. Further, it had been argued that Bengal was not defended in Bengal. No one denied that; but the question was whother the surplus that Bengal yielded did not cover the cost of its protection and the benefits it derived from imperial administration.

He was quite exwould not alter the therefore affect the shall be taxed, c_{rr}, facts and figures and for liste members. so ernment of India, and would not l'ublished for general inforitiat had gone forth that Bengal lter that decision. But if the collect from official records, ce he had to thank hon'ble lice had not been done to was not only the responsible to them into consideration in overnment of India for that

cil. Although the Irrigation ciples which had led to the ho hoped His Honor would

of India had acted was a distinction drawn on the Local Governation were not works of general and of were not works of general ged to provincial funds and inction drawn was more funciful metal Member of Council was himself to observe the distinction in its the works into three classes, only from imperial considerations. With the Financial Member said:—

evement for developing the resources of the conts; and in respect of them it is anticipated

that, besides the indirect advantages to the country arising from their construction, they will yield within a moderate time a direct income at least equal to the interest on the capital expended on them. Some of these works, which I put into my second class, are undertaken for objects of such general utility that they may be fairly called imperial."

And again he remarked :-

"There is, as I said before, no broad line of difference between such works as these and works of imperial utility. Imperial works confer great local benefits, and works of local utility enrich the Empire; but although the two classes of works thus run into one another, the distinction is nevertheless a real one, and it has not been sufficiently recognized."

Such being the case, he would submit that the two major considerations should merge into the minor. But there were other reasons why the cost of the canals and railways should be treated as an imperial charge. What were the primary objects of irrigation works? The first was an increase of the imperial revenue from land, and the second the development of the material resources of the country; but the arbitrary distinction made ignored the fact that the land revenue was greatly increased by extension of cultivation. This point was clearly set forth in a short extract which he would read to the Council from a recent work on irrigation in India:-

"Taking £3 per sere as the value of gross produce from canal-irrigated lands per annum, and Government share of land assessment one-sixth the value of produce, on four million acres watered by State canals the amount will be two millions sterling per annum land assessment, which Government would not derive but for the canals,

But the canals, although a fortile source of imperial revenue, were now declared works of provincial utility, and the charge on thom was treated as a local instead of an imperial burthen, apart from the other fact that the increase of general wealth meant the enrichment of the Empire. Then, again, a sregards irrigation, the provinces of Bengal Proper and Orissa were differently situated compared with the other parts of the Empire. The natural rainfall was quite sufficient in Bengal, and drought occurred but occasionally. Then the soil and the nature of the crops in Bengal required incessant moisture, and in this respect the irrigation works failed to accomplish the purpose they were intended to fulfil. With regard to Orissa, perhaps he could not do better than quote the remarks contained in the Bengal Administration Report of 1871-72 on the subject. They were as follow:-

"The rainfall in Orissa averages about his a grant it cannot possibly be expected that the people should be willing to perform the rainfall is one-half or one-fourth bet Committee had the fact all high rates are gladly paid for water supplied at sor section 4. That section, as itself as on the southern rivers of Madras receive a full supply the Magnistrate and as Mir to when there is little mouseon on the Madras Coast, and Printed water and as Mir to when there is little mouseon on the Madras Coast, and Printed water at the first property of the control of the southern for the remaining of the southern the cannot possibly be expected as a full for water at the control of the southern as a full for the water at the benefit is felt. Probably it makes and proprietors in our particle.

when rain may or may not fall, with from Mesars. Earskip and to the benefit is felt. Probably it mittoned lauded proportion in our particular at present the people look on a war of the Bill for two or three reaching at present the people look on a war of the Bill for two or three reaching to agree to pay heavy rates till at a word that it was only as positive well without irrigation."

And in fact they had four heart that they had without irrigation. It was subjected to the believed, find it sufficient the same arrangement will be the pay 50 per cent. It was subjected to the they had hitherto abstraced from another 50 per cent. By doing the last arrangement will be they had hitherto abstraced from and enter and credit, the another they had hitherto abstraced from and enter and credit, the another member, but it appeared to him that plast they was with reference to the Irrigholds as the grant of the would therefore suggest that the one field in the particular in the principle of the Bill consuler their quit-results the present. The principle of the Bill consuler there alluded

×	io,	District, and date of return.		Rainfall, at Sudder Station in inches.	Churacter of the weather, state and prospects of the crops, and		
BEI	IAR	.—(Continued.)					
BELGTIPORE DIVE.	· 85	Maldah,	Ма	y 12	'77	2·14	On the 6th instant there was a severe tempest with slight rain; on the 8th rain fell heavily with violent winds; on the 9th a heavy shower fell; and on the 11th a severe riorm came on with distant thunder and lightning. The crops are as good as before. Cholera is much worse. Of the 386 deaths reported 27 occurred in Shibgange and Kalinchuck together, 138 in each thans. A native doctor has been sent, and a special man asked for from the Deputy Surgeon General.
	3 6	Southal Pergh	A, "	13	••	-43	Weather—Very hot; occasional dust-storms, rain, thunder, and lightning; 1-08 of rain at Deoghur, '26 at Godda, and '9 at Rajmehal. No crops on the ground Ploughing is going on.
DRI	×× 1						
<u>.</u>	37	Cuttack,	91	12	,,	-98	Wenther—Hot, with occasional thunder-storms. The state and prospects of the crops are favorable.
CHIBRA DIVE.	38	Pooree,	**	10	.,	-67	Weather.—Seasonable. 3:11 inches of rain fell at Khoordah. The harvesting of the dalsa rice crop is almost complete. Cotton is being gathered. Ploughin for the sarad crop is still going on. Sugarcane is promising. Prices of rices almost stationary. Public health is good.
	39	Halasore,	19	11	"	:38	The weather continues hot and dry with frequent thunder-storms. Preparation of the ground for the rice crop continues. Cholera is on the decline.
CHC	ATC	NAGPORE.					
		South-West i		·r			·
	40	Hazareebugh,	May	11	777	1·47	Wenther—Variable; unseasonably cool. There were heavy thunder-atorms dail during the first half of the week; since then the weather has settled fin Mobers crop has been very short. Sugarcane is much benefited by the rain Cases of small-pox still continue to be reported.
	41	Lohardugga,	••	13	.,	-71	There were daily thunder-storms up to Wednesday (9th instant) both at Palamo and Ramebee. The rainfull at Palamow is registered 45 of an inch. For to the weather has been perfect hitherto this year. Sowing has commenced for the early upland paddy crop. Public health is good, with the exception of few cases of small-pox in Palamow.
	42	; Singbhoom,	••	11	j	· 9 0	Weather - Scasonable. Nothing to report about. The district is healthy.
	43	Matthhoom.		12		74	Weather-Reasonable; decidedly hotter than before. The crops standing on the

l'ublished for general information.

Calcutta, Statistical Dret., The 15th May 1877. H. J. S. Cotton,

Jr. Secy. to the Goet. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

0 %6 .	Districts.			STATIONS.			to 25th April 1877. Rain from 20th April to 6th May 1877.	RAIN PROM 187 JANUARY 1877.		Remarks	
Divisions.					Rain fr April May	Inches. Up to date.					
E	NGAL.						P	Inches.		1877.	
	Western	Diatr	1CT6.				Inches.	Iucnes.		1677.	
ſ	Burdwan			Burdwan Cutwa Culna Band-Bood Kane-gungo	 	••• ••• •••	Nil ditto ditto ditto dillo	0·19 Not rec. (P61 Nil 0 05	5:80 9:00 7:66 3:94 4:01	5th May 28th April 5th May ditto ditto ditto	
	Bankoora		,,,.	Jehanabad Bankoora		•••	ditto ditto	0.46	7 70 4:80	ditto	
			{	Sooree Hetampore Roypore	•••		ditto ditto ditto	Nil ditto 0·10	6·20 7·67 4·79	ditto ditto ditto	
$\left\{ \right.$			1	Midnapore	•••		ditto	0.41	9.93	dıtto	
	Midnapore			Tumlook Ghattal	 Collr.'s C	office	ditto ditto di tto	0.03 0.46 0.96	8·15 8·57 9·57	ditto ditto ditto	
	Hooghly		{	Contai Exe. Hooghly Scrampore	Engr.'s 	Office	ditto ditto ditto	0°85 1°77 1°04	0.38 8.40 10.03	ditto ditto ditto	
1	Howrah		}	Howrah Maheshrokha	100	•••	ditto ditto	0·79 0·60	11·19 7·87	ditto ditto	
-	CENTRAL	i)ıstr	ICTH.				•	A. 4		•	
				Jail (Julian)	 Эслиагу	•••	ditto ditto ditto ditto	0°40 0°58 0°58 0 57	9°50 9°65 10°03	ditto ditto ditto ditto	Not seed. 8th to 14th April.
{	24-Penguna	aba	}	Busseerhat Busseet Damond Harb	 DUT	***	0.03 Nil ditto	1.73 0.87 1.90	7:73 8:71 1::-29	ditto ditto :li t to	Not lead, oil to 14th April.
1			Ì	Barripore Satkhira		•••	ditto (FUB	4·77 8 86 (+93	13 85 10 43 8 67	ditto ditto ditto	
í	1		ļ	Barrackpore Dum-Dum Rishnaghur	•••	•••	Nil ditto	1·33 0·73	13.02	ditto	
	Nuddes			Fougong Meherpore	•••	•••	ditto ditto	2:30 1:31 1:35	10:88 11:24 13:23	ditto ditto ditto	!
	2,444	•••		Choondanga Kooshtee Ranaghat	•••		ditto 0°06 Nil	1:00	8.70 0.8	ditto	
ij	ĺ		ſ	Jessore Narrail	•••	•••	0 12 Nil	3-58 1'88	13·03 10·12	ditto ditto	
	Jessore		{	Khoolna Jhenida	•••	•••	1·75 Nil	3.83 2.10	18 63 14 54	ditto ditto	
1			1	Hagurhat Magoorah	•••	•••	(r 29 ()·73	3.16 3.16	20.84	ditto	
	Ì		Í	lierhampore Ramporehaut	•••	•••	N il ditto	Nil	8·14 0·85	ditto	
l	Moorshedab	nd	{	Lallbagh Jangypore	•••	•••	0.03	0 61 0 73	8.13 8.50	dillo ditto	
_	1			Azimgunge Laligolla	•••		Nil ditto	Not rec. 1:43 0:05	8-65 9-14 0-18	6th Muy	Not reed. 15th to 21st April
			ι,	Kandee	•••	•••	ditto	0.78	3.80	ditto ditto	! !
ſ	Dinagepore	•••	{	Dinagepore Raigunge	•••	•••	ditto	0.41	6·10 3·77	ditto	!
	Maldah	•••	₩	Maldah Chanchal			ditto ditto	0.30	2.38	ditto	ı 1
	Rajshahye	•••	{	Bauleah Nattore	•••	•••	ditto ditto	0 83 0 31	7·11 6·77	ditto	! !
				Rungpore Bhowanigunge	•••	•••	ditto	Not rec.	4.13	ditto 28th April	! :
	Rungpore	•••	J	Kurigram Bagdogra	•••	•••	0.83 Nil	2·47	10.01	6th May ditto] !
			Ì	Bogra Sherpore	•••	•••	ditto ditto	0.28	4.71 6.02	ditto ditto	
	Bogra	•••	{	Newkhilla Panchhibi Halulya,			ditto ditto ditto	1:04 Nil	2.67 2.73 3.06	ditta ditto ditto	
Į	Pubna	•••	{	Pubna Serajgunge	•••	•••	1*45 Nil	1.38	11·81 7·23	ditto ditto	
. ſ	Larjeching	•••			'elegraph Lospital	Ойсе	1.45 1.60	Not rec. U-87	14.19 13.30	28th April 5th M sy	
	Julpigoree		{	Julpigoree Hodah Huze—Civil S Titalya	urgeon's	Office:	Nil ditto 1.64 Nil	1:36 4 76 1:24 6:47	7:29 9:88 11:97 12:76	ditto ditto ditto ditto	
LOGER	Cooch Beha	r Trib	utary	Cooch Behar	•••		0.08	2.39	12:48	ditto	

	<u></u>	Distratore	Distrators.		Stations.		to 6th	Rain pron 1st January 1677.		Remarks.
PLVISIONE						Rein from to 28th	Rain from 9 April to May 1877.	Inches.	Up to date.	
-	 B1	ENGAL—(Contin	 med).	!		! =	<u> =</u>	<u> </u>	!. ⁻	<u> </u>
		Kartern Dist	-			Inches.	Inches.		1877.	
		! 	,	i	L CAM	0.14	4	1	5th May	
	r	Dacen	{	Daces { Hospital	h Office	0.52	Not rec.	12:38	28th April	:
			l	Moonsheegunge Manickgunge	•••	(r15 0·45	ditto	25·11 7·63	ditto ditto	; 1
¥		Furredpore	{	Furredpere Goalundo Madarpere	••• ••	0.64 5.16 0.88	1-25 0-33 2-11	13.52 11.05 15.03	5th May ditto ditto	
DACCA.			ſ	Burrisal Perozepore		0·13 Nil	3·77 4·23	24·00 15·09	ditto ditto	
		Backorgunge	\	Pataoakhaily Bhola	•••	Or15 Nil	3.00 3.98	17·01 7 ·79	dirto	From 4th February 1877.
			,	Mymensingh		0.05 Nil	0.68	7 83 5 01	ditto ditto	
1		Mymensugh	;	Atia Kishoregunge	•••	0°03	3.43	10.89	ditto ditto	
}	<u>ا</u> ر	Chittagong .	{	Chirtagong [Juil	aph Office	950 1:09 Nil	Nil 0:06 1:45	10:00 8:63 6:44	ditto ditto ditto	
6		Noakholly	}	Noakholly Fenny		4.50 4.50	2·38 0·98	13:35 12:98	ditto ditto	
FITTAGORG.	!	Tipperah	}	Comillan Brahmunbariah		3 35	1·50 U-36	19:27 10:08	ditto	
CHIT		Chittagong Hill	Tracts	Rungamater Hill			Nil	18:01	ditto	
	<u> </u>	Hill Tipperah		Hill Tipperah	•••	0.82	0.03	16.95	ditto	
нЕ	!	AR.	ſ	Patna Beliar		Nil ditto	0°20	3:40 4:34	ditto ditto	
		l'aina	∢ i	Bach Jail Dinapore Cant	 onment	ditto ditto ditto	Nil ditto ditto	8°22 2°77 2°37	ditto ditto ditto	
			٢	Gya		ditto	0.18 0.10	4·34 3·99	ditto	Not recorded 18th to 24th February.
		Gya	{	trungabad	•••	ditto	Vu7	1·27 5·20	ditto	Not recorded 12th Jan. and 4th to 10th February.
	-		(Arrah	·	0.03	(F19	6.92	ditto	
	•	Shahabad .	··· {	Basseram Buxar Bhubasah	•••	ditto	0 23 0 67 0 57	4:37 6:18 5 H1	ditto ditto	
PATYA.			ļ	Mozufferpore		Not rec.		3.20	14th April	
		Mozufferpore	··· {	Hajeepore Sectamurheo		ditto ditto	ditto ditto	3'(i) 4'83	ditto ditto	_
		Darbhungs	{	Durbhungs Mudhoobunnee Tajpero		Nil ditto ditto	0.59 1.05 0.81	4:70 5:38 8:38	6th May ditto ditto	_
	:	Sarun	{	Chupra . Sewa:	:	0-03 N il	0:33 0:26	4·67 5·61	ditto ditto	
		Churry	5	Motiharee Bettiah	:	Not rec. Nıl	0°16 2°77	6·48 8·46	ditto ditto	Not. reed, 22nd to 28th April.
ľ	Ì	Chumparuu	\	Segowlie		ditto	0-82	8.13	ditto .	
ſ	-	Monghyr	-{	Monghyr Beguoserai Jamoure		ditto ditto dit to	0.02 0.13 0.13	2·86 2·99 5·16	ditto d ^e tto ditto	
			را	Bhagnipore		ditto ditto	0.00 0.12	8·24 3·67	ditto ditto	
LPORE		Bhagulpore	{	Muddehpoora Banka		ditto ditto ditto	Nil ditto	4°94 4°14 2°01	ditto ditto ditto	
BEAGULPORE.		Dumas-k	d	Purnosh		ditto ditto	0.18	4·68 6·42	ditto	
-		Purneuh	G	Arrareah	::: <u>:</u>	ditto	1.25	6.43	ditto	
			- 11	Nya Doomka Rajmahal		ditto ditto	1.90	7·78 2·80	disto	
•		Sonthal Pergunns		Deoghur		ditto	Nil	8:37	ditto	
	Ì		Y	Godda		ditto	0.16	3-15	ditto	The state of the s

_ :	<u> </u>		Rain from 22nd to 28th April 1877. Rain from 29th April to 6th May 1877.	98 th 41 di		FROM 16T	Винание.
ž.	Districts.	STATIONS.		915 B		877.	
Divistors.				Rein fa	Inches.	Up to date.	
ORI	SSA.		Inches.	Inches.		1877.	1.1
	ŗ	Cuttack (Telegraph Office	140	0.80	6-60	5th May	
	1	C TTORBIENT	1.50	0 95	7:49 13:85	ditto di:to	
-	·	Jajpore Kendraparah	Nil ditto	070	11 20	ditto	
- 1	Cuttack	Jugutaingpore	ditto	0.40	3:95	ditto	
	;		ditto	0.55	31:25	ditto	·
1	!		i		5.95	ditto	
ان	Pooree {	Pooree	dirto	0.10	8.08	ditto	
ORIMA.	10 111 1	Khurdsh	0.15	1.95	j	! ******	
1	•	Rxe. Engr.'s Office	Not rec.	Not ree	6:96	[!] 31-t April	! !
0	·	Managere & Collector's Office	Nil	cr.Gt	7:13	öth May	
- 1	las s	Rhadrack	0 15	1.46	14:01	ditto	
- 1	Halasore	Jellanore	Nil	0.03	0.80	ditto	
- 1	i	Sorah	ditto	2.78	11:59	ditto	
	(Chandbally	0.40	1.53	12782	ditto	
Ų	uttack Tributary Mehals	Sumbulpore	Nil	0.03	6.43	ditto	
	CHOTA NAGPORE.						
	South-Western						
	FRONTIER AGENT.			!	;	!	
		Hazarechagh { Jail	ditto	0.28	660	ditto	
	Hazareelugh }	Transitionaga (1)inpensary	ditto	0.10	9.31	ditto	
		Pachumba	ditto	Nil	6.48	ditto	
	i	Rancher	0.80	1.91	12:08	ditto	
	L-hardugga	Palamew	Nil	0.40	7.87	ditto	
	Singhhoom	Chyebassa	ditto	Nii	11:31	ditto	
		Puruliah	31.4		•	i	
	Manbhoom }	Govendpore	ditto ditto	0·74 Nil	7·62 7·24	ditto ditto	Not reed. 25th to 31st March.
	ASSAM & ADJACENT						
ļ	HILLS.	j					
	Sy:het	Sylhet	0.2	1.34	11.71	ditto	
	١	Sechsaugor	1.83	Not rec.	14:31	28th April	
	! i	Golaghat	2.74	ditto	16.20	ditto	
	! I.	Joreinot	1.53	ditto	1::-99	ditto	
ļ	la	Despanie	1.28	ditto	13.48	ditto	
	Sechanger	Hattiepootie	J'HH	d ito	35.67	ditto	
İ	i i	Mazengan	1.35	d: to	10.01	ditto	
ı	1 []	Normal colo	1.23	dirto	12·45 13·10	ditto	
I	1	Cherotco	1 ×3	ditto dicto	10.00	duto ditto	
i							
İ		A'ryab	Nil	Nil	0.00	5th May	
:		Λι 78 Γ	ditta	ditto	K:	litto	
:	RAJPOOTARA	Januar	ditto	0.43	0.83	ait:o	
i	()	Sambiar	0.59	Nil	1 07	die o	
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CALIUTTA, The 12th May 1877. JOHN ELLIOTT, MA.,

Meleorological Reporter to the Goot. of Bengal.

the state of a relien

the whole of the provision for irrigation works and State Railways in Bengal should be made by the Local Government. These public works had owed their origin to the action of the Imperial Government, but having proved financial failures, they were now made over to the Bengal Government; in fact, the people of these provinces were called upon to make up the loss which the Government of India had sustained by its own inconsiderateness. He admitted that they had been undertaken by the Government of India with the best of motives, but there had been a sad want of information and foresight on the subject. There could be no doubt that, if the Government had not purchased some of these works at exceedingly high prices, they would have been perhaps sold for a mere song; for their prospects were never very cheering, and no one would have paid the high price for them that the Government did. Now, in order to meet current interest and working charges of these undertakings, it was proposed to double the road cess, which, when it was first imposed, was intended to be confined to local purposes only. He could not understand why the "land" alone had been singled out for taxation, when these works, if they were to be regarded as an insurance against future famines, would in that sense be beneficial to the whole community, though he doubted that, when water could not be had in sufficient quantities when most needed, they could justly be regarded as an insurance against drought. On the other hand, if the general wealth of the nation was developed by means of irrigation canals and railways, the whole country would be benefitted. But because the road cess was a simple method—and he was quite willing to admit that as a means of drawing direct taxation, the plan of the road cess was by far the easiest, cheapest, and least troublesome-that was no reason that the land should bear the whole burthen. It should be remembered that, when the road cess was first proposed, it was regarded as an inroad on the Permanent Settlement. Nor was it unjustly so regarded. When the Permanent Settlement was made Lord Cornwallis wrote to the Court of Directors:-

"If at any future period the public exigencies should require an addition to your resources, you must look for it in the increase of the general wealth and commerce of the country, and not in the augmentation of the tax upon the land."

And here he would—

and submit a statemer, of the Council of the direct taxes in the five great Provinces of the Em and 16 again and 16

T. E. RAVENSHAW Franches of indirect taxation C. BAYLEY, the expectation of the far-section of the far-section of RAMSHUNKER down agricultural population of

Le Baboo Kristodas P. har ord character of the Permathe Baboo Kristodas P. har ord than give the judicial Nawab Meer Manager, Barlow, and Hawkins, Jennings, They said:—

AND A PRAMATHA THAT the Permanent Settlement consists the zemindar to pay a certain amount of NCIAL Parties a compact by which the zemindar to LDS postpittle to the State; and the State on its provide for judicial and fiscal administration, the provide for the province of province or revenue."

when he was asked to draft a Bill for the

levy of a Rural Police Cess on land in Bengal. On perusal of Sir Barnes Peacock's Minute, Lord Dalhousie wrote as follows:

"I have studied with deep attention the valuable Minute which has been recorded by our honorable and learned colleague Mr. Peacock, relative to the legal or equitable right of the Government of India to levy a further assessment on the holders of land in these Lower Provinces for the payment of a police force. The draft Act on which Mr. l'eacock comments was transmitted by myself from the Government of Bengal. I am therefore the more bound to say that the clear reasoning by which he has supported his opinion, adverse to the levy of the proposed rates on the holders of lands, has fully convinced me that this Act should not be extended to rural villages. I therefore assent on my own part that the word 'village' should be omitted from the draft Act."

That opinion was subscribed to by the other Members of Council—the Hon'ble Mr. Dorin, the Hon'ble General Low, and the Hon'ble Mr. Halliday. The Indian Educational Blue-Book, which was published a few years ago by order of the House of Commons, also contained a number of opinions of the most distinguished Indian officials on the subject of the permanent settlement, in which it was broadly stated that the imposition of the read cess would be a breach of the settlement. The Indian Council was divided on the subject, and it was a vote which carried the despatch of the Secretary of State sanctioning the imposition of the present road cess. Such eminent Indian statesmen as Sir Erskine Perry, Sir Frederick Halliday, Sir Frederick Currie, Mr. H. T. Prinsep, Mr. R. D. Mangles, and Sir Henry Montgomery opposed the cess on the ground that it involved a direct infringement of the Permanent Settlement. But if the road cess was a violation of the pledge given. how much more so was the proposed cess embodied in the Bill now under consideration? There could in fact be no comparison between the two. The Secretary of State hedged in the road cess with the following conditions:-

"It would indeed be most desirable if the local character of these rates could be emphatically marked by committing both the assessing of them and the application of them to local bodies" * * *, and if possible to carry the people along with us through their natural native borders, both in the assessment and in the expenditure of local rates.

"It is, above all things, requisite that the benefits to be derived from the rates should be brought home to their doors,—that these benefits,

13 48 dina puble, direct, immediate.
13 48 dina puble, Sir George Camp That was the opinion of the Sec ¹⁻¹ Sir George Campbell, ditto llowing terms:when the Bill was before the C ditto of self-government by

1.02

1:1:10 "The object and intention of dirto TO-ON ditto introducing a mode of local sc Nil Nil 0.00 5th Mas received from local taxation to t the taxes are imposed?" ditta ditta K :J ditto. 0°43 Nii 0.52

And again : "The object, the principle to obtain from the people of Be fit, not for the general purpo locality; and we wish to make

JOHN ELLIOTT, MA., Meleorological Reporter to the Goot. of Benyal.

istration of the funds

ofit and improvement

The object of the cess it was not then contemplate pated the future by expressil easy method, Sir George Camb an apprehension, saying that would ever be imposed." road cess for provincial class interested in land. principles of taxation and j one of the most eminent econ Writing on the subject of a tax

"A tax on rents falls wholly on the in shift the burthon upon anyone else. It produce, for this is determined by the cop stances, and in those circumstances, as tax on ront therefore has no effect other from the landlord, and transfers it to the S

And again :-

"A peculiar tax on the income of any class; violation of justice, and amounts to a partial confised The question therefore which the Council had to consider was whether or not this partial confiscation was not involved in the proposed scheme of taxation—that was to say, whether the Bill was or was not open to the reproach of John Stuart Mill.

Now, it might be said that the Government was obliged to have recourse to extra taxation on account of the burdens thrown upon it. But was there no other means at hand for obtaining revenue? If the salt tax were raised 8 annas a maund, the yield would be more than forty lakhs, while the pressure would be little more than one anna per head. But by doubling the road cess, which was at the maximum figure of two pice in the rupee, the sum to be realised was, he believed, estimated at 33 lakhs, of which 20 lakhs might be said to be the share of ryots and small tenure-holders, if the cess were levied at the maximum sum in all districts. He did not know the exact number of cesspayers who were ryots or small tenure-holders; but taking the estimates of the census report of the agricultural population at 2½ millions, the pressure per head was about 13 annas; and giving four souls to each family, the pressure per head of each agricultural family came to three annas one pie, or over 300 per cent. of the proposed addition to the salt tax.

The salt tax was one which many authorities in Bengal were of opinion should be regarded as a provincial reserve in cases of urgent necessity. Six years ago, during the discussions on the Road Cess Bill, the Hon'ble Mr. Schalch

said:-

unable to tax

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"If it should be necessary to have recourse to provincial taxation, he believed that an increase in the salt duty only would prove the most suitable for that purpose, and therefore it must be held in reserve."

His Honor the present Lieutenant-Governor was also strongly in favor of an increase to the salt tax in lieu of the road cess, and perhaps he could not do better than read to the Council some extracts from a speech made by His Honor in this Council six years ago:—

"The Hon'ble Ashley Eden said he did not propose to follow His Honor the President on the question of local taxation, but only desired to express his general concurrence in the views that had been express to had been made to those who were strongly in favour of an increase of the said that the permitted to give his reasons for not considering the argument of the said that the permitted to give his reasons for not the considering the argument of the said that the permitted to give his reasons for not the permitted to give his rea

I rovenue, which we were therefore a and propose to pass a law for unanswerable; and obviously, if funds for Provincial Services by er.

thought with him desired to urge, a was the best mode of raising the the mode was in accordance with the open to the Local Government to a small addition to the existing the Covernment of Incia, in lieu of asterni character, might themselves do on, to which nobody raised any sort of a paying

he first investigation into the suihe first investigation into the suihowed that two annas was the retail
he tax had been just as much felt by
price of every other article of consumpence four and the rate of wages had much inbreased, the price of salt remained what it was

who additional tax. It appeared to him that so consumed on an average six seers of salt per who of duty, say four annus or eight annus per that taxes put together, it was quite clear that not not he was paying any additional tax at all mand to the agricultural laborer, who only est the compared to a cess on land, or a house tax? Even

those who knew that the salt which they consumed had been subjected to the payment of a

duty, did not know how the tax was paid or collected.

"Then it was said that an increase of the salt tax would have the effect of shifting the burden from the rich and putting it upon the poor. But he thought that such an argument would hardly bear examination; it was one which had often been used and as often refuted. For although probably the poor man consumed as much salt as the rich man, yet if we took into consideration the peculiar relations of the rich with the poor-if we consider the number of retainers that the richer classes of the natives had always about them—it would be found that the apparent inequality did not in fact exist; for every native was accustomed to feed his retainers, and they therefore not only paid the tax themselves, but for all their retainers as well. Where a poor man paid a single rate, the rich man paid 10, 20, 30, or 50 rates, as the case might be. Anyway, if the tax was heavy on the poor man, he would not be slow to shift it, by the increased price of labor, to the rich."

Nothing could be more clear, more cogent, and more convincing than the arguments of His Honor in favour of a slight addition to the salt tax as a substitute of direct taxation; and what His Honor said six years ago would hold equally good now. He need not repeat the opinion so often expressed that direct faxation was utterly unsuited to the habits, feelings, and character of the people of this country. The only argument that he had heard in favor of the new system of local finance was that it gave more freedom to the Lecal Governments. He was free to confess that that was a consumnation most devoutly to be wished for; but the cost at which that freedom had been purchased was very great, and the principles on which the system of localization of the charges referred to was based were contrary to justice, reason, and right. He was personally as warm an advocate of home rule as ever existed; but he prized justice above all things; and when he saw that the freedom of the Local Government was to be bought at the sacrifice of the plighted faith of the State, and at the risk of partial confiscation of one class of profits, as John Stuart Mill called it, he could not help saying that it was too dear a price.

He had done. He thanked the hon'ble members for the courtesy and attention with which they had listened to him. He felt that he should not be doing his duty if he did not mention that there was a considerable feeling among the native community on the subject of the proposed taxation. He hoped it would not be understood that they wished to evade their legitimate burdens. They were deeply grateful to ditte ditte ditte vielded to none in burdens. They were deeply grateful manifold blessings they had rece 123 ditta divided to none in yielded to none in

loyal devotion to make the neces wealth. But they wanted justi had at the present moment one, the people, and whom the peop and to whom they were deepl

disto disto disto g of the common-1.5 10.08 ditto lation that they Nil Nil 0.00 5th Mac ment who know ditto ditta with them, 243 243 duto O25 0°93 1 07 prepared to dr. o make any reasonable sacrific which might involve wrong as

JOHN ELLIOTT, MA., Meteurological Reporter to the Govt. of Bengal.

His Honor the Presider that the hon'ble member des the Council, which was that the hon'ble member's object to be t time to take that opportunity of first connection of the British Go moment, Bengal had been treated would not attempt to follow the hol able sketch of the past finar Council, neither had he the m if he wished it, or thought

that every argument he had use he had quoted had been accurately that was not the question with w to Ilis Honor to propose a re-adjustment the other provinces of India since 170 to the proposal, and appropriate for which his hon'ble friend promised as f it was quite obvious that nothing of the k carried out. And even if a discussion hon'ble gentleman had raised were possible, n

be found that in respect to each of his arguments

would find something very cogent to say on the other side; so that any adjustment now of the vexed questions of finance for nearly a century would not be likely to end in any very definite conclusions. There was no argument which had not two sides to it, and if Bengal was to be heard as to the past, other provinces would also have their say. Take as an instance the first argument which had been used—namely, that the people of Bengal first invited the British Government to take up their abode in this country and establish their rule there, and contributed to the building up of the Empire, and had ever since contributed to its maintenance and to the acquisition of other territories beyond, and that this constituted a reason why Bengal should be treated with great forbearance in the matter of taxation. But it was quite possible that the other provinces which had been annexed and included within British India subsequent to the first establishment in Bengal might argue that the whole of the taxation should be borne by Bengal, because the British Government was brought here without consulting them, and Bengal had provided the means for maintaining and extending the British Empire in India. In the same way something might be said per contra to all the claims which the hon'ble gentleman had made on behalf of Bengal. But it would answer no good purpose now to go over the various points that had been raised as to the past, for the only point left open to them to discuss was what they had to do. Now they had got a burden thrown upon them, and they had to consider the best means of meeting that burden. Was it best met by the proposals which he had made to the Council, or had any hon'ble member any better suggestion to make on the subject? His hon'ble friend had quoted a very able argument of his friend Sir John Grant, and of Sir George Campbell, as opposed to the principle of the Bill now before the Council. Sir John Grant pointed out that nothing had been done for Bengal in the way of assigning it funds for opening out communications up to 1861; and Sir George Campbell had said that very little had been done since, which was no doubt true. But it appeared to His Honor that, if the hon'ble member had been arguing in favor of this Bill, he could not have adduced any stronger argument than that of those two gentlemen, because they wanted to show that whatever was raised in Bengal was spent elsewhere, and that Bengal did not receive its fair share of its own revenues. The object of ns to put a stop to that state of things, the revenue which it had to raise the present system of decor and to secure to Ber for itself. In nearly rich he had taken up lately he The object of this meahad seen Bengal spo ad led to the common use of sure was to remod own milk, which it now this phrase,—to ~ substitute for fresh genecontributed for ral taxation. t, and from which they hich they were to impose should rec and expenditure of their I Uv. "Inected, the Government of f constructing local works, the present time without question was whether they a of the funds thus raised, or the new revenues to be raised. to taxation at all. He thought one; he looked forward to : towards the progress and I that the means they had y painful and harassing. ifferent provinces, his hon'ble sparison:—that was the relative ence of taxation in the various parts n this way, he would find that the tion very light in comparison with was aware that his hon'ble friend o so; but they did not seem to him to

was whether the people of Bengal the rest of the country, and whother

they were so overwhelmed with taxation that they were unable to give any further assistance to the Government. His hon'ble friend had said that it was now proposed to make the people of Bengal pay for railways and irrigation works which were constructed as a venture which had now turned out to be a loss, and were not remunerative. His Honor himself only knew of one railway in Bengal which was taken up as a venture, and which had proved a great financial failure, and that was the Mutlah Railway. Well, that railway had been made over to Bengal without a single penny of charge; it had been given to them without any charge as regards capital, though the value of the gift even then was perhaps doubtful. As regards the other railways, although they had to meet the interest on the capital as a first charge, there was not one of them which, in the course of two or three years, would not pay the interest upon the capital expended upon them, and some of them would almost immediately do so. But they had also to provide capital to extend the system of railways. He thought there was nothing which could possibly be done for Bengal that would tend so much to the development of the wealth and trade of the province, and the good of its people, as these cheap lines of railway, giving distant and isolated places of production ready access to the large markets. It was a point upon which he had never heard any difference of opinion among those who had opportunities of seeing the material benefits conferred upon the people by the facilities which this means of inter-communication afforded.

Then his hon'ble friend had said that nobody in his senses would have paid the Orissa Irrigation Company the price which the Government had given for their works, and that consequently it would have eventually come into the market for absolutely nothing, and the company would have been glad to accept any price that they could have obtained. That might have been true if the Government had not guaranteed the interest upon the capital; but as long as Government guaranteed the interest upon the capital, there would always have been somebody ready to purchase it. Obviously it was the best for the Government to take it over and try to get something from it, rather than to go on paying interest without receiving anything in return. Whether they paid too much for the business, or not, was another question.

The hon'ble gentleman had quotest to evade then the Secretary of State 13-65 ditto (fovernmen al purposes, and had vielded to Council. In speakas bearing upon the principle of remarks referred to the important nothing whatever to do with g of the c local rates, it was lation that such works that ing of a measure for making Nil 0.00 5th May ment who kn and that they no doubt perfectly correct the people should immed ditta Ni ditto with the raised from U-93 1 U7 should have a voice in the prepared to cent thing; Ail die o such taxation. But the pl it was a measure for rais JOHN ELLIOTT, MA., ment of works for the benef

leteorological Reporter to the Govt. of Benyai.

He was sorry that his a breach of the permanent settle tion upon which there was a opinion, he thought it was a ru the time when it was deter and also the approval of the system of local cesses for a subject had been said then, rest, and he was certainly not

nothing which the Secretar

As regards what had been it. Sir George Campbell that there won thought that it was clear enough frequentleman that so far from any successful that "he further taxation or not," and this centing intentions, and certainly no pledge ments.

Finally, he must say something about his own remarks upon the salt duty made some years ago, which had been quoted against him by his hon'ble friend. He was quite prepared to say now every word that he had then said. He repeated the belief to which he had given expression on the occasion to which his hon'ble friend referred that there was no tax which would be felt as little, and which was so easy of imposition, and in every way so desirable, as the salt tax. But it was entirely out of his power to propose such a tax to meet the present difficulty. In the first place it was a tax which was reserved by the Government of India in its own hands, for increase or decrease, according as great pressure might fall or not upon the imperial revenues of the State. But it was not even in the power of the Government of India to increase the salt tax at present for certain practical reasons. There were three or four different systems of salt duty going on in parallel lines in Bombay, Madras, the North-Western Provinces, and Bengal. Among the many difficulties which they had to deal with in connection with this state of things was this—that while the people of Bengal, from their great prosperity, arising no doubt from their long connection with the British Government to which his hon'ble friend had alluded, were able to pay without difficulty almost any amount of salt tax, the people of Madras and Bombay, who were said to be much poorer, though he was not sure that this was the case, declared themselves unable to pay a salt tax very much less than the tax which was imposed on the people of Bengal, and the consequence of this difference had been that a most expensive and in other ways objectionable system of internal customs had been established to prevent the salt of one province going into another. The object the Government of India, he believed, had in view was to equalize as far as possible the rate of the salt duty in the different presidencies, and to do away with this chiestic and in the chiestic and in t

laborers from other districts. From returns which had been received, it would appear that there were now upwards of two thousand emigrant laborers employed in the tea plantations in Chittagong. Now, when laborers were imported several serious difficulties arose. First, they were recruited in distant districts, and it often happened that coolies, after reaching their destination, complained that they had been beguiled from their homes by false representations. By extending the Labors' District Emigration Act to the district of Chittagong this difficulty would be got over. By that Act all contracts had to be made in the presence of a responsible Government officer, by whom they were explained to the laborers before they left Calcutta. Then there was another difficulty which had occurred in one or two cases in sending coolies to Chittagong. In one case small-pox had broken out on the journey, and in another case cholera. But the Government had at present no control over the transport; and when the coolies reached their destination, the Government had at present no means of seeing that the coolies were properly cared for. The Magistrate of Chittagong had recently inspected several tea gardens, but those who were engaged in tea plantations naturally resented the interference of the Magistrate, as the Labor Act did not apply to Chittagong

Then there was another difficulty in regard to the laborers. After they arrived at the tea gardens, it seemed to be the custom to pay them by taskwork. At present, if any dispute arose between a tea-planter and a coolie, the parties had to go to the Civil Court to have the dispute adjudicated upon. But under the Labor Districts' Emigration Act, if there was any dispute as to the quantity of taskwork which the planter imposed on the laborer, it was decided by arbitration in the manner provided under the Act. All these difficulties had occurred in Chittagong, and it was for this reason it was thought desirable that the provi-

sions of the Act should be extended to Chittagong.

He need hardly remind the Council that the Act had worked most successfully in Assam, Cachar, and Sylhet, and it was hoped that the same good results would follow its extension to Chittagong. It was for these reasons that Mr. Bell asked for leave to introduce a Bill.

The motion was agreed to.

The Council was adjourned to Saturday the 14th April.

#			13 05	ditto	
	(3/37)	ditto	12:45	dit to ditto	V)
	CON	ditto	13.19	ditto	11
In the report of Proceedings of the Council	1 .0	ditto	10.09	ditto	date the 31st March 1877,
published in the Supplement to the Calculla Gazet Page 286, line 9, for "section 50" read "	Nil	Nil	0.00	õth May	'stemmy :
Page 286, line 17 from the bottom, for "	ditto	ditto	N:)	Jitto	m v.
Transpose the paragraph beginning at t imm-diately after the small print i	ditto Oʻ≅õ	043 Nil	0793 1:07	ditto du o	DE 280 so as to stand
Page 290, line 8, for " gross profits " re		i .	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Page 290, in line 2 of the last paragraph				Jonn E	LLIUTT, M A.,
				25 4	

Meteorological Reporter to the Govt. of

LIBERALITY OF BABOO KALI KISHEN TAGORE IN BACKERGUNGE.

FINANCIAL DEPARTMENT—INDUSTRY & SCIENCE. Calcutta, the 14th April 1877.

RESOLUTION.

READ-

A letter No. 38, dated the 7th April 1877, from the Commissioner of the Dacea Division.

It has been brought to the notice of Government by the Commissioner of Dacca that Baboo Kali Kishen Tagore has contributed Rs. 2,500 towards the relief of the sufferers from the cyclone and storm-wave in the Backergunge district. This is not the first occasion on which this gentleman has displayed liberality and public spirit, and the Lieutenant-Governor has much satisfaction in recording his appreciation of his conduct.

ORDERED that a copy of this Resolution be forwarded to the Commissioner of Dacca for his information, and for communication to Baboo Kali Kishen

Tagore.

By order of the Lieutenant-Governor of Bengal,

H. J. S. COTTON,

Junior Secy. to the Govt. of Bengal.

CULTIVATION AND CURING OF TOBACCO IN BENGAL

FINANCIAL DEPARTMENT.—AGRICULTURE. Calcutta, the 14th April 1877.

The subjoined lement of the North?
Mr. Buck, Director, regarding the cultiful line information.

2. The of the pampi cultivation,

rding a copy of a pamphlet by cree, North-Western Provinces, co, and the enclosed letter from appliet, are published for general

lated among those interested in tobacco vailable on application to the Secretariat.

L. J. S. COTTON, Secretary to the Govt. of Bengal.

the 28th March 1877.

If the North-Western Provinces,
energy the derivation of the province and to
publicate the curing of tobacco, and to
publicate permission of His Honor the
publication, this Government may be intended to the distribution of his pamphlet,

manapad, the 16th March 1877. Ind Commerce of the North-Western Provinces, grament of the North-Western Provinces. the permission of the Government of Bengal for its circulation through district officers (or in any other way) to planters in Tirhoot and Upper Bengal, whose co-operation with the experiment now going on at Ghazipur will probably conduce much to the extension of the tobacco industry.

2. Five hundred copies of the pamphlet are retained at this office either for distribution through the Government of Bengal or direct to the planters. If copies should be sent direct by this office, I request that the Government of Bengal may be asked for a list of planters resident in Tirhoot and Upper Bengal with their addresses.

3. An appendix, giving diagrams of the interior arrangement of a curing-house, with

any further information available, will follow.

4. I am convinced that tobucco-curing and manufacture in this country will in time pay exceedingly well. Advices which I lately received from abroad state that Java planters "are realizing large fortenes by the export of cured leaf," and I see no reason why planters in India should not follow their example, if the climate chosen for the purpose suitable. I believe, for reasons which I have elsewhere given, that Upper Bengal possesses the most suitable climate which can be found in the plains of India for tobacco cultivation and curing; and urge that planters there resident should be invited to give their active co-operation to the endeavours now being made to introduce a proper system of curing into the country.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 14th April 1877.

	No.	District, and dat return.	te or	Rainfall at Sudder Station in inches.	
BE	NGA	L.			
		Western District	le.	1 1	
	1	Burdwan, Apl.1	16**77	1.29	The rainfall at Jehanabad has been 68, at Rood-Bood 103, at Culna 183, at Raneaguage 41, and at Cutwa 198. Sugarcane, cotton, and til are doing well. Public health is fair.
	2	Bankoora, "	14 ,	-86	There have been showers of rain at intervals throughout the week. The weather is now becoming hotter. The state and prospects of the crops are as favourable as before.
DIVE.	8	Beerbhoom, ,,	14 "	-49	Weather—Still cloudy and cool. State and prospects of the crops continue to be good. The hall reported last week seems to have done little or no harm.
BURDWAN	4	Miduapore, ,	14 "	1.60	Weather—Very exceptional storms almost every evening. Thus far the min has been too heavy and continuous for every crop except indigo. The fields have water in them as in July or August. Still no harm will be done if there be fine weather now; on the contrary, the ryots will then be able to turn the rain to good account.
	5	Hoogbly. "	14 "	1.03	Weather—Cloudy in the evening, with light rain. There was a good shower on the 10th instant. The rice lands are still being ploughed; the cuttingsof sugarcane are being planted. Cholera has somewhat abated.
		•	14 ,	3 07	State and prospects of the crops are good.
		Central Distric	eta.		
	6	24-Pergunnahs. Apl,	,16,†'77	1 01	Weather—Coul in the beginning of the week and warm at its close. No crops and. Lands are being prepared for the spring sowings. Public could be good. A few cases of cholera reported from thansa Has-
PRESIDENCE DIVE.	7	Nudden, ,, 1	14 77	12,	t storms and heavy rain. Much damage has been old-weather crops (gram, &c.) as remain on the not be harvested. The sowings of early rice have
PRINTEDE	8	Jessore, "	14	jes	my with much rain during the earlier part of the week; iteamy. The rain in the south of the district has been very a having been registered at Bagirhat), and the weather there all abnormally cool. Throughout the district the heavy rain ed cultivation and has much damaged the young boro dkandone good to indigo.
(9	Moorehedebad, ;,			cool at night. The rabbee crops which remained in the period of the cool of th
a Divis.	10	Dinagepore, ,,	13		The rainfull at Roygunge has been 174 inches. The stated ploughing for the early rice.
RAMMERTH AND COOCH BERAN DIVE	11	Rajahahye,			* cloud. There was a thunder-storm on the 10th instant, i more red by another which passed over the middle of no one rain which has fallen during the past fort-interestor the autumn and winter rice sowings, and pring rice. The young sessames plants are pring rice. The young sessames plants are no mango cropathic year, the rain in January and red an unusual growth of stom and leaf, which exhausted has been hardly any blossom. There not not cholera in Bouleah, nearly all of which have proved may cases also have been reported from several thanas.
RA	12	Rungpore,			It has become much warmer during the last few days. The light has been 309 inches, at Gaibanda 1:15 inches, and at 5° an inch. The sowings of early rice and jute have become or the district. The tobacco still on the ground has to some ared by the recent rains. Cholera is stated to have broken out the Kurigram sub-division. Otherwise there is nothing of

N	o.	District, an retu		e of	8	Rainfall t Sudder Itation in inches	Character of the weather, state and prospects of the crops, and state of health at date.
BEN	GAL	—(Continued.)				
	1	Contral Distric	eta.		1		
<u> </u>	18	Bogra,	Apl.	14 '	77	-9 0	Weather—Hot; occasional rain. The crops are everywhere doing well. Cholera is slightly prevalent.
BERAN	14	Pubna,	•	14	"	-99	Weather—Still stormy. The rainfall at Serajgunge has been 2·05 inches. The state and prospects of the crops are reported to be good. There have been a few cases of cholern and small-pox here and there in the district-
CANTERNIE AND COOCH BERAB PIVA	15	Darjeeling,	**	18	**	3 00	Weather—Most unseasonable. There has been rain every day during the week, and a great deal of mist, both in the hills and the plains. In the hills, the few crops that are on the ground are doing well. In the plains, the sowing has not yet begun owing to the frequent fall of rain.
	16	Julpigoree,	,,	14	"	2-86	Weather—Cloudy and cool. The late heavy rain has greatly benefited the first sowings of carly rice, but a large extent of land which was ready for seed will have to be reploughed.
		Cooch Behar,	*	13	3.	3-24	Weather—Very cool for the time of year, but abnormal. There have been constant falls of rain during the week, often accompanied with thunder. The fall at Mckligunge has been 2-97 inches, at Mathabhanga 1-79 inches, and at Dinhatta 1-65 inches. In some places the rain has been too much for the early sowings of bitri dhan; cheens and koon, however, have generally benefited. Tobacco is nearly all cut, but that still standing has been somewhat damaged by min. Public health is good.
		Eastern Distr	icts.		į		•
	17	Dacca,	Apl.	16*	777	1.40	Rain fell on the first four days of the week. Since then the weather has become sottled and warmer. The hail has slightly damaged the crops, but the general prosperts are favourable, and the present sunstine will do much good.
	18	Furresdpore,	**	14	27	1.01	Rain and high winds prevailed throughout the week. The weather is still cloudy, but is becoming perceptibly warmer. The rain at Madaripore has been 299 inches, and at Goalundo 190 inches. The cuitivation of lands for the rice crops is still impeded by the moisture of the soil. The til crop in Madaripore is reported to be slightly damaged. Cholera and dysentery are reported from some parts of the district.
DAGGA DINT.	19	Backergunge, Mymensingh,	91	13		8 -26	Weather—Unusual for the time of year. There have been storms and a copious rainfull, sometimes accommended by hail, and it is believed that the consecrept is injured in some sporadic forms of the source of the so
		ary menanger,	•		"	0.	has begut. ditto Nil litte
ţ	21	Tipperab,	••	13		2-93	As stated in the life of the like that in July life that in July life that in July life one 10 degrees lower. There have been rain and rice is almost entity under water. A spin John El parts of the district, the lands being under water.
1	23	Chittagong.	**	12		-64	Weather Construction with ode construction of the head-quarters sub-division, but is any in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's cold-weather crops are progressing control of the head-quarters sub-division, in Cox's control of the head-quarters sub-division.
	23	Noukholly,	25	12		3·14	Weather— or passed over the district on the evening of hindering the cultivation of the early rice and the entire that the en
CHITIAGONG DIVE	34	Chittagong H	ill "	10	"	-60	Weather— Weather— the 9th instant, with frequent falls of rain night 'us delayed the burning of the joome are good. Cholera is almost
R Ø	HAR	 Mill Tipperab	• "	11	•	-98	the su lightning. State and prospects of
e3i			A "	100		27-7	Weather and. The harvesting of the rubbes crops
	25	Patna,	Apl.	10.	77	Nil	Weather and in the street of the rubbes crops is almost fink. If cholers and small-pox exist in the district.
		Gya,		14	- 1	.01	The hot weather, d. The rain reported seems to have been
PATHA DIVE.	26	.,,,,	•	14	~	-81	general. The region of the coops continues. Prospects are good, except for manges.

	fo.	District, and return		of	ı	Rainfall, at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BE	HAR.	(Continued.)					The state of the s
	28	Durbhunga, Ap	L 1	16 '	77	-27	Weather—Mornings and evenings cool. Easterly winds. No change since last report. The rubbee harvest is progressing, and the outture promises to be a good average.
PATSA DITS.	29	Mozufferpore,	. :	14		Xil	Weather—Getting hotter. The rubbes harvest is nearly over with good outturn. There were hallstones on the night of the 7th instant at Sectamurhae. The gen-ral health is good, with the exception of a few cases of small-pox at Belsund and Shewhur.
PAT	30	Sarun,	n :	14	,	-07	Weather—Getting much warmer; 1:59 of rain at Gopalgunge. There are no crops of importance on the ground, except cheese and indigo; the former is being sown and the latter is coming on well. Prices have fallen in consequence of the new grain coming into the market. General health is good.
Į.	81	Chumparun,	,, 1	14	.,	Nil	Weather—Nights still cool; much hotter in the daytime; occasional high easterly winds. All prospects are good. The rabbee crops are still being harvested.
	32	Monghyr,	**	14	••	Nil	Weathor—Fair. There has been 43 of an inch of rain at Jamui, and 03 of an inch at Reguserai. The rubbes crops are nearly all harvested, and the outturns as expected are good.
Drvs.	33	Bhagulpore,	,, ;	16•		Nil	Weather—Now seasonably hot. Strong west winds blowing. All prospects are satisfactory, and a good deal of ploughing is got through. General health is very good; but cases of cholora are frequent in parts of the town.
BRAGULFORE DIVY.	34	Purnesh,	,1 0	14	,,	·78 ·	Weather—Wind in the west and getting hotter. The rainfall at Kissengunge has been '87 of an Inch, and at Arrareah 1'56 inches. The crops are injured in some parts by hail. The cultivation for the sowings of early rice is going on favourably.
B	35	Mulciah,	99	14	31	-29	Weather—Fair, with occasional clouds and drizzlings. Slight rain fell on the 10th and 12th instant. The temperature is rising higher during the day time. The crops are good. Cholera is still bad; 100 deaths reported.
OP	36 188a	Sonthal Perghs,	**	15	••	1-94	Weather—Early in the week wet and stormy, with thunder, lightning, and hail Some of the hailstones were very large. The weather now seems to be fine. 1.20 of rain at Deoghur, and '21 at Godda. Moless and mange crops are had. The late hail has knocked off the moless flowers and the manges. The rubbes harvest is over, with good outturn. Health is generally good.
O.		•	A1		•	١.٠	August San San San San San San San San San San
E	37	Cuttack,	Apl.				igorously going on. General prospects are good.
ORINGA DIVE.	38	l'oores,	•	ÌŁ,			92 of rain at Khoordah. Dalus paddy is nearly all light for the sarad crop are still going on. No change in A few cases of cholers reported.
		Ralasore,					'Fy uncertain. Thunder-storms and rain-squalls occur almost daily full at Bhudd-uck has be a 3.71 inches. The preparations for sowing . Sporadic cholors is still very bad.
CH	Oly	NAGPORK.					
		South-West Fr Agency.	ORTIC	AL.			
	40	Hazareobagh,					puble, hot sun and cold winds. The thunder-storms and rain have more idea-one and modime to some extent. There are no crops which is being broken up for the next sowings. Health of the
	41	Lohardugga,					freemonably wet; 75 at Palamow. The prospects of tea have never that this year, the unusual rain having been most beneficial. This can the other hand, has done considerable damage to the rubbe. Palamow sub division (there are but little rubbee crops in the sub-division) and to the mobile crop all over the district. The is one of the staples of food. There have been a few cases of his one of the case of cholera at Hanchi. This case of cholera, his one reported last week makes the Deputy Commissioner attrick; otherwise the general health is good.
	42	Singbloom.					repet to report about. The district is healthy.
	43	Manbhoom,					out, but unseasonable. Mokea has suffered, and the excise revenueetad in consequence. There were some cases of fever of a bad type reighbourhood of Purulla.

goneral information.

nall during the seven days immentately preseding.

CALCUITA, STATISTIC
The 17th April 18

H. J. S. Corron,

Jr. Secy. to the Goot. of Bengal.

Weekly Repo	ort of Rainfall	compiled at the	Meteorological	Reporter's Office.
			······································	

Divisions.	Distri	CTS.	 	STATI	ons.		from 25th 81.4 March 7.	from 1st to April 1877.	JAT	FROM 1ST IVARY 877.	, Romanno.
2010			!				llain from to 31.4. 1877.	Rain 7th A	Inches.	Up to date.	
EN	(+AL.		İ				Inches.	Inches	•	1877.	
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li	2,412		C	Scoree	•••		0 35	O-CH	6-11	ditto	i I
۱۱:	Beet bloom	•••	{	lletampore Roypore			0 45 0 27	1.34 0.34	7·13 4·49	ditto ditto	
OCEDWAS:			ſ	Midnapore			0.73	1.02	8.03	ditto	•
	Midnapore			Turnlook			0.13	1-20	7.16	ditto	
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П			ļ		Engr.'s O	Affice	(1-90	1 03 0°49	7·85 5·58	ditto	;
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ľ	llowrah		{	Howrah Molymbachha	•••	•••	0.60	2·78 0 77	9.05 7.23	ditto	
		_		Maheshrekha	•••	•••			1		
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į	Moorahodaba	d	{	Jungypore Ashagunge	•••	•••	dirto	13			
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í	Dinagepore Maddah		ئ ··· ۇ	Knigunge Maldah			O.				
	Maidah	•••	§	Chanchel Baulech	•••	•••	0.4	-			
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COCH PREAS.	Cooch Behar States. •	Trib	utary	Cooch Behar		•••	0-23				

	Digraices.	STATIOUS.	from 25th st March	from 1st to April 1877.	Rate de Janu 187	ARY	Remarks.
			Rain from to 31st M 1877.	Rain fi 7th A	Inches.	Jp to date.	_
BK	NGAL.—(Confinued.)		Inches.	Inches.		1877.	
	(Ibaara § Telegraph Offica	0-87	2-80	7-98	7th April	
r	Danca	Moonsheegunge	2:29	2:54 6:59	0·ö9 21·49	ditto	•
	Furreadpore	Manickgunge	0.26 1.76 0.53	3:37 2:30	6·51 10·42 7·64	ditto ditto	
$\left\{ \left \right. \right. \right.$	Furreedpore 5	Madaripore	1-50 3-00	3 36 7 45	10-81	ditto ditto	
	Backergunge	Perozepore Patocakhaily	0.70 1.01 0.71	3:41 2:26 1:98	0-60 10-05 3-77	ditto ditto ditto	From 4th February 1877.
l	Mymenaingh	Mymensingh lamalpore Atia Kishoregunge	1 4.41	2·91 0·71 0·75 3·64	0:34 3:83 4:68 8:87	ditto disto disto ditto	
	Chittagong }	Cox's Bazar	2·10 1·46	1·10 0 94 1·76	7:40 2:36 4:69	ditto ditto ditto	
	Noakholly {	Nonkholly Feuny	1°90 3 lõ	1·41 1 95	7:08 9:01	ditto ditto	
	Tipperah	Comillah Brahmunbariah	1 1	2·17 U·57		ditto ditto	•
11	Chittagong Hall Tracts	Rungamates Hill	١.,,	1·12	1	ditto	
_	i Ifill Tipperah		. 111				
[Patus,	lichnr Dach	1 1	Nil Not rec	317 318	ditto ditto (31st Marc	
	Gya	Gya N-wadah vrungabad		~81	3.50 3.80 1.01	ditto	Not rec. 18th to 24th February. Not rec. 18th Jan. and 4th to 10 February.
1		. Jehanatud Armb		' - 0181	6 20	I	
	Shalmlad	Jane Duze Bhai	ine	0.12	4°14 6°02	ditto ditto	
	Mozufierpore	Mozuffer Hajeepot, Scetamuri	. 0-12 0-36 . Nil	41110	3°47 3°: 9	ditto .	į.
İ	Darbbungs		dit. dit	0 21 0 73 0 11	8.94	i : ditto	1
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	Monghyr	Nongh Trave Jame		03 02 04	3 2 -81 2 5 -04	ditto ditto	
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į	Southal Perguunaha	Rajmehal }		c. Ori	1		Not. rec. 25th to 31st March.
	1	Godda	ditte	1 .	36 2-0	ostib (ca	Ditto ditto.

loss.	Distratore.	Grafican.		Rain from 1st to 7th April 1877.	JAN	PON 107 VARY 877.	Remares.
Drytstors.			Rain fr 10 31. 1977.	E2 E	Inches.	Up to date.	
ORI	100		Inches.	Inches.		1877.	
*	Cuttack	Cuttack Telegraph Office Hospital Japore Kendraparah Japuntainappore		1°10 1°12 Not rec. ditto ditto	8-90 8-51 8-15 6-60 1-90	7th April ditto 81st March ditto ditto	
	. !	False Point	075	8-95	10-85	7th April	
I	-	Pocres	0.68	1.63 1.80	5·40 5·71	ditto ditto	
OBERRA	Peoree {	Em Knoz.'s Office	0.22	0.85 0.78	5·10		
6	Balascre	Bhadrask Jellastor's Omos	0°47 0°18 0°08	2:43 1:91 0:74 8:20	10'99 8:10 6:38	ditto ditto	
		Chandbally		0.81			
,	Cuttack Tributary Mehal CHOTA MAGPORE.					1.	
	SOUTH-WESTERN FRONTING AGENCY.		0-28	0-5	5-94	3 ditto	
	Hagareslingh	Hazareebagh { Jail Dispensary Packstmbs	0.30	0.5	8.8	6 ditto	
	Lohardugga	(Ranches	. 0.01		6.8	5 ditto	
	Singbhoom	Chyobassa	8-50		1	1	
	Manbhoom		Not red				Not rec. 25th to 31st March.
	ASSAM & ADJACES HILLS.	at .					
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			<u></u>		cal Re	porter	DLER,

CALCUTTA,

The 14th April 1877.

Meteoro

Ter to the Govi. of Bengal.

No. 20 of 1877.

[REGISTERED' NO. 29.]



The Calcutta Gazette.

WEDNESDAY, MAY 16, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 5th May 1877.

Present:

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, presiding,

The Hon'ble G. C. PAUL, Acting Advocate-General,

The Hon'ble II. J. REYNOLDS,

The Hon ble T. E. RAVENSHAW,

The Hon'ble S. C. BAYLEY,

The Hon'ble II. BELL,

The Hon'ble Baboo Ramshunker Sen, Rai Bahadoor,

The Hon'ble Baboo Isser Chunder Mitter, Rai Bahadoor,

The Hon'ble Baboo Kristodas Pal, Rai Bahadoor,

The Hon'ble NAWAB MEER MAHOMED ALL,

The Hon'ble F. JENNINGS,

and

The Hon'ble Raja Pramatha Natha Roy, Bahadoor.

PROVINCIAL PUBLIC WORKS CESS.

The Hon'ble Mr. Reynolds postponed the motion which stood in his name for the passing of the Bill to provide for the levy of a cess for the construction, charges, and maintenance of provincial public works in Bengal, until after the consideration of the amendments of which notice had been given by the hon'ble member opposite, Raja Pramatha Natha Roy.

The Hon'ble Rajah Pramatha Natha Roy said there was no provision in the Bill requiring the cess to be realized from the sharers of an estate. The Road Cess Act required the holder of an estate to pay the entire amount of road cess, leaving him to recover from his co-sharers such sums as might be payable in respect of their shares by the todious process of a civil suit. That procedure was adopted in order to make the task of collection easy to the Government. But as a matter of fact, zemindars found it so difficult to realize anything from their co-sharers that there was hardly an instance of one shareholder attempting to recover from another. The passing of the recent land registration law would enable the Collector to ascertain who were the sharers in an estate; and it would therefore now be easier for the Collector to realize both the road cess and the public works cess from all co-sharers, than to oblige landholders to recover from their co-sharers. The object of the amendment he was about to move was to render sharers who were separately registered under sections 10 and 11 of Act XI of 1859 liable for the payment of the proportion of the public works cess which was payable in respect of their shares. He moved that the following section be introduced after section 5:—

Section 6.—"In the case of any joint estate, every sharer of such estate shall be entitled to pay his share of the amount of the public works cess to the Collector in the manner prescribed by section 22 of the said District Road Gess Act separately, and shall not be liable to pay more than his share in the case of any default on the part of his co-sharers."

The Hon'ble Mr. Reynolds said he regretted that these amendments had been brought forward, because, if the Council departed from the principle of the procedure under the Road Cess Act, it would produce confusion in the accounts, and would render it difficult to assess and to collect the rate. There was one point, and only one, in which the Select Committee thought it desirable to depart from the procedure of the Act of 1871: it was the provision to substitute the certificate procedure of Act VII of 1868 for the procedure laid down in section 23 of Act X of 1871. But at the last meeting of the Council the recommendation of the Committee in that respect was reconsidered, and it was determined, on the motion of the Hon'ble Nawab Meer Mahomed Ali. that the procedure under the Road Cess Act should be retained. Mr. REYNOLDS accepted that amendment, not because he thought the procedure of the Road Cess Act was preferable to the procedure of Act VII of 1868, but because he understood it to be the sense of the Council that the road cess procedure should be temporarily retained, although the proposed departure from it might be an improvement. Therefore he thought it undesirable that the Council should now go into the point whether any improvements or alterations of procedure might now be made. There were, besides, strong objections to the principle of the amendment before the Council. The principle of the road cess and of the public works cess was that those who were liable for the payment of the Government revenue should also be liable for the payment of the cess. In the case of sharers in joint estates all proprietors were jointly and severally liable for the payment of the Government revenue, and they were similarly liable for the payment of road cess. But the amendment proposed that every sharer should be allowed to pay his share of the road cess separately in proportion to the amount of his share. He could do that now if he had opened a separate account under Act XI of 1859; but so long as he did not do so, Mr. Reynolds thought it was as objectionable to authorize separate payment of the road cess or of the provincial public works cess, as it would be in the case of the land revenue.

The Hon Breo Kristodas Pal said he did not clearly understand whether it was considered objectionable to realize the provincial public works cess directly from sharers whose names were registered under Act XI of 1859. The intention of the amendment appeared to him to go only so far.

The Hon'ble Mr. Reynolds said he believed that it was the practice at present to receive payment of road cess from registered shareholders. But the amendment would include sharers whose names were not so registered. The road cess was payable by the persons by whom land revenue was payable. If a separate account was opened for the payment of land revenue, then the road cess would be separately payable by the persons who had so opened separate accounts. But there was no mention in the amendment confining its

operation to recorded sharers who had opened separate accounts, and therefore under it the provincial public works cess would have to be collected from every joint sharer.

The Hon'ble Rajah Pramatha Natha Roy observed that if he was informed correctly the practice under the Road Cess Act was to realize the cess from one sharer, even where the other sharers had opened separate accounts under Act XI of 1859; and there was no provision in the Road Cess Act to prevent such a procedure.

The motion was then negatived.

HIS HONOR THE PRESIDENT said he thought it was hardly desirable to proceed now to amend the Road Cess Act. It seemed almost a pity to take up one or two sections and amend the Act piecemeal. There were other questions which would come up, and which might sooner or later make it desirable to amend the Act. He thought it was better to let these amendments stand over until the Council could take up a well-considered general amendment of the Act. The amendments might all be very good, but this was hardly the time to consider them.

The Hon'ble Rajah Pramatha Natha Roy said he would be prepared to withdraw his amendments if the proposed section 9 were agreed to. At present no remuneration was given to the persons who had to collect the cess from the ryots. The agents employed by the zemindars for the collection of rents demanded additional pay for the additional work imposed upon them. There were cases in which these agents received a commission on the gross collections made by them, and they were now taking an additional percentage for the collection of the road cess, and they would no doubt also demand further remuneration for the collection of the public works cess, and these percentages the zemindars would be obliged to pay in addition to the cesses which they were called upon to collect: they had, in fact, to pay for the collection of Government cesses, which was very hard upon them. He therefore moved that the following section be introduced after section 5, and he hoped it would be agreed to:—

Section 9.—"It shall be lawful for the person to whom any sum shall as public works cass have been directly paid by the holder of any tenure or tenures for which no rent is paid, to retain one-fourth thereof as and for his remuneration for costs and risk of collecting the same; and where such sum shall have been paid as aforesaid by any cultivating ryot, to retain fifteen per centum thereof as and for his remuneration as aforesaid."

HIS HONOR THE PRESIDENT said he thought this section stood in exactly the same position as the other sections proposed by the hon'ble member. It might be right, or it might not, that a certain amount of commission should be given to zemindars to cover losses from bad debts and to cover the cost of collection. At present the Act which had been passed by the Council for the imposition of the road cess deliberately ruled otherwise. Therefore he did not think that at the last moment it was quite right to propose any alteration of the scheme of the road cess, especially on the very short notice which had been given. No doubt the amendment was upon a subject which was worthy of consideration, and His Hoxor had already publicly said that he was quite prepared to consider what remuneration should be given to the zemindars for the collection of these cesses. But he did not think that the Council would be in a position, without consulting the local officers of Government and others interested, to say what was the exact amount of mashaira which should be allowed to zemindars to cover their losses. He therefore thought the consideration of this section should stand over until the general amendment of the Act was taken up, so as to enable the Government to inquire what was best to be done in regard to this matter.

The Hon'ble Rajan Pramatha Natha Roy said that under the circumstances stated by His Honor the President he would withdraw the amendment.

The amendment was then by leave withdrawn.

The Hon'ble Mr. Reynolds moved that the Bill be now passed. He said it was not necessary for him on this occasion to go into the principle of the measure which had been formerly recognised by the Council, but he would wish to be allowed to make a few remarks on what was said at the last meeting of the Council with reference to the necessity for this Bill. It was

suggested by the hon'ble member opposite (Baboe Kristodas Pal) that possibly the receipts from the stamp revenue under the Registration Act might be so large as to dispense with any necessity for further taxation, and Mr. REYNOLDS thought that an estimate was made that the Government might possibly receive 50 lakhs upon that account. It was very difficult to make any estimate of what the real receipts in consequence of the Registration Act would be. Government had called for information on the subject from district officers, but that information was not yet available. As far as he had been able to ascertain, from such information as he had collected, the receipts from this source would be very much smaller than had been suggested, and in fact would be very small indeed. The number of estates on the towzee was about 150,000—the exact number was 151,589. Taking them at 150,000, and estimating that we number was 151,589. Taking them at 150,000, and estimating that we should have three applications from sharers in each estate, we should have 450,000 applications in respect of estates paying revenue to Government. Besides that, we should have to take into account lukhiraj estates and applications from managers and mortgagees. The former were required, and the latter permitted, to make applications under the Registration Act. It would be very difficult to say what number of lakhiraj lands there were, but he believed it would be considered a liberal estimate if he took the number of these at the same number as estates paying revenue to Government. That gave a total of 900,000 applications. Besides that, we had to take into account the extra stamp fees from mooktarnamahs. A great proportion of the applications for registry would be filed by mooktars possessing general powers of attorney, and would not require fresh stamps. Then we must consider that perhaps one-third or 800,000 mooktarnamahs would be filed in connection with these applications, making in all a total of 1,200,000 applications and mooktarnamahs, which, at the stamp duty of eight annas each, would make a total of six lakhs of rupees. He did not take into account the revenues derived from fees realized from registration of transfers, because they did not form part of the provincial revenues, but would be credited to the Imperial Government. We then had to consider how much of these six lakhs would come into the coffers of the Government of Bengal. The notification under the Act declared that all persons should register by the 1st of November, and a period of six months was given, after which certain disabilities and penalties would be incurred by those who had not registered. It had not been ascertained yet quite exactly how many applications had been made, but we had to remember that the stamp revenue was made over to the provincial Government from the 1st of April; so that five out of the six months would elapse before this revenue would belong to the local Government, and for those five months it would belong to the Government of India, and the Government of Bengal would receive the receipts only for a single month. He could hardly say what the amount of revenue during that month would be, but there could be little doubt that there would also be many claims which would be brought forward after the six months had expired; and on the whole he thought it might be safely said that the additional revenue which would accrue to the local Government from the operation of this Act would not exceed five or six lakhs of rupees. It must also be remembered that the local Government would have to make good to the Government of India the sum of $2\frac{3}{4}$ lakks in addition to the estimated revenue from stamps, so that there would really be only a small surplus under the provincial Land Registration Act, and such surplus was entirely insufficient to meet the additional calls which we should be obliged to meet in respect of provincial public works. He thought he need not detain the Council with any further

The Hon'ble Babso Kristodas Pal said that when, at the last sitting of the Council, he referred to the increase of stamp revenue which might be expected from the enforcement of the Land Registration Act, he said he had no distinct data before him such as would enable him to give an estimate of the exact amount to be derived, but from information he had received from competent persons in the mofussil, he was led to believe that it would at least cover the amount which the local Government sought to raise by the two Bills now before the Council. He thanked the hon'ble member for favouring him with the data which he had obtained for forming an approximate estimate of the expected increase of revenue from the Land Registration Act. That amount, the hon'ble

Results of the Meteorological Observations taken at Alipore Observatory from 13th to 19th May 1877.

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Month.	Date.	Mean presente; haronotter at 32: Fab.	Mean.	Maximum,	Range.	Minimum.	Mean wet halls.	Vapous tension.	Dew point.	Hamidity.	Prevailing direction.	Miles recorded.	Rain.	Weather.
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: ; !••	1 14 h	-713	83·8	00.0	17.6	79 -u	78-2	-×91)	760	79	Chiefly south	180		Partially cloudy day and night, o. and g.
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	16th	N37	83*2	91.5	159	78:3	78-0	: אַנפי	76·6	ы	Chiefly south	107		Cloudy, o. and g.
:	17th	*857	79-1	90'7	11:3	70-4	77-3	-911	76*4) 	South till P A.W., till 5 P.M. S. E., till midnight S. E., back again through E. and N. E.	96	0.02	Cloudy, o and g.; d from 7-14 to 7-25 A.M. and at 5-25 P.M. Rain from 12 to 3-23 P.M.
	18th	-752	78°5	(hr7	14.5	76-3	774	 - 1928 -	77 0	95	Till 10 a.m. S. E., till 5 r.m. veered to S. through W. X. and E., till midnight veered to E. through S. E.	106	0.81	Cloudy, o. and g.; rain from 2-0 P.M. to 2-14 and at 4; P.M.; d. at 7-55 P.M.; rain again from 9] to 10 P.M.
	. 19 ^c h : :	77/31	79 ⁻ 5	90-5	14.0	1 70°5 - -	. 77·7	19:23	70°8	P1	Till 10 a.m. 8. through S. E., till midwight S., back again.	!	1.49	(Cloudy, o. and g.; f. and f at b) a.m., and at 13-16 a.m.; rain from 9-35 a.m. to 10-12 a.m., at 12-2 a.m., and at 4; p.m.; d. through- out the whole day at intervals.

•			Inch.
The mean pressure of the seven days			29.783
The average pressure of the corresponding period for 20 years		•••	29 ·680
			0
The mean temperature of the seven days			81.8
The average temperature of the corresponding period for 20 years	ars		86.2
The extreme variation of temperature during the seven days		•••	21.6
The maximum temperature during the seven days			97:8
The mean humidity during the seven days			70
The total fall of rain from 13th to 19th May 1877	•••	·	2.38 inch.
The average fall of the corresponding period for 24 years			O·96 ,,

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h; the maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain gauge is one foot above the ground.

d. drizzling, t. thunder, l. lightning, o. overcast, g. gloomy weather.

H. F. Blankond, Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA, the 21st May 1877.

IVIAISIONS.	A Districte	ı.	STAT	iows.	Rain from 29th April to 5th May 1877.	Rain from 6th to 12th May 1877.	Rain : Jai	FROM let TUARY 877.	Remarks.
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John Eliot, M.a.. Meteorological Reporter to the Govt. of Bengal.

CALCUTTA.
The 19th May 1877.

SUPPLEMENT TO THE CALCUTTA GAZETTE, MAY 28, 1877.

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Meteorological	l Telegraphic Report for the period 13th to 19th I	fav 1877

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John Eliot, M.A., Meteorological Reporter to the Government of Bengal.

CALCUTTA, The 19th May 1877.

Results of the Meteorological Observations taken at Alipore Observatory from 13th to 19th May 1877.

; ;			TEMPHEATURE.		 	1	ITEROL	CRTER.		Wind.		-		
Mustb.	Inte.	Mean pressure; barometer at 32° Eab.	Mesn.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Hamidity.	Prevailing direction.	Miles : conded.	Rain.	Wrather.*
1877. :		Inches.	e	θ,	9	ө	Θ	Inch.	е				Inch.	
May	13th	99.713	65·1	97⁺∺	10.0	78-2	79-0	O· 91 1	76:1	78	Till S. P.M. south, till midnight E. S. E. through S. E.	2(-3	Nil.	Partially cloudy till evening; night olear.
,	14th	·748	83-8	943 6	17-6	79°U	78:2	·809·	760	79	Chiefly south	186		Partially cloudy day and night, o. and g.
!	15th	-798	83-3	95.7	17:8	77-9	78:3	-)02	: 76·1 !	79	Chiefly south	201		Morning clear; after- noon partially cloudy; night clear.
	Jeth	637	83-2	91.3	15-9	78:3	78-6	, 918 ,	70.6	61	('hiefly south	167		Cloudy, o. and g.
	17th	•837	70·1	90-7	11:3	70-4	77-3	911	76.4	 91 	South till 9 A.M., till 5 v.M. S. E., till midnight s. E., back again through E. and N. E.	96	0-05	Chendy, o and g.; d from 7-11 to 7-20 A.m. and at 5-25 r.m. Rain from 14 to 8-23 r.m.
	: 18th	-782	78·5	007	14.5	76-2	77.4	8:0:	77 U	93	Till 10 a.m. S. E., till 5 p.m. veered to S. through W. N. and E., till midnight veered to K. through S. E.	106	0.84	Cloudy, o. and g.; rain from 2-6 r.m. to 2-14 and at 43 r.m.; at 7-50 r.m.; rain again from 91 to 10 r.m.
	19th	:761	79 5	9675	11-0	76°5	77-7	1023	70-8		Till 10 A.E. S., through S. E., till midnight S., back again.	136	1:49	Cloudy, o. and g.; f. and I at % a.m., and at 12-15 a.m.; rain from 9-35 a.m. to 10-12 a.m., at 12-2 a.m., and at 41 r.m.; d. through- out the whole day at intervals.

•		Inch.
The mean pressure of the seven days	•••	29.783
The average pressure of the corresponding period for 20 years	•••	29 ·680
The mean temperature of the seven days The average temperature of the corresponding period for 20 yes. The extreme variation of temperature during the seven days. The maximum temperature during the seven days. The mean humidity during the seven days. The total fall of rain from 13th to 19th May 1877. The average fall of the corresponding period for 24 years.	 •••	81.8 86.5 21.6 97.8 70. 2.38 inch. 0.96 "

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h; the maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain gauge is one foot above the ground.

d. drizzling, t. thunder, l. lightning, o. overcast, g. gloomy weather.

H. F. Blanford, Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA, the 21st May 1877.